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Metropolitan Housing Characteristics

BROCKTON, MASS.

STANDARD METROPOLITAN STATISTICAL AREA

1980

**Census of
Housing**

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VOLUME 2

Metropolitan Housing Characteristics

BROCKTON, MASS.

HC80-2-103

Issued October 1983



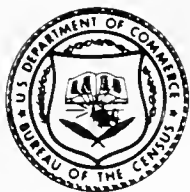
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Under Secretary for
Economic Affairs

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C. L. Kincannon, Acting Director

HOUSING DIVISION
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2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.	116	Charlotte-Gastonia, N.C.
5	Arkansas	45	Texas			117	Charlottesville, Va.
6	California	46	Utah	81	Bakersfield, Calif.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	82	Baltimore, Md.	119	Chicago, Ill.
8	Connecticut	48	Virginia	83	Bangor, Maine		
9	Delaware	49	Washington	84	Baton Rouge, La.	120	Chico, Calif.
10	Not assigned	50	West Virginia	85	Battle Creek, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	86	Bay City, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	87	Beaumont-Port Arthur-Orange, Tex.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	88	Bellingham, Wash.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	89	Benton Harbor, Mich.	125	Columbia, Mo.
15	Illinois	55	Not assigned	90	Billings, Mont.		
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
22	Maryland	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
26	Mississippi			101	Bridgeport, Conn.		
27	Missouri	65	Altoona, Pa.	102	Bristol, Conn.	136	Daytona Beach, Fla.
28	Montana			103	Brockton, Mass.	137	Decatur, Ill.
29	Nebraska	66	Amarillo, Tex.	104	Brownsville-Harlingen-San Benito, Tex.	138	Denver-Boulder, Colo.
30	Nevada	67	Anaheim-Santa Ana-Garden Grove, Calif.	105	Bryan-College Station, Tex.	139	Des Moines, Iowa
31	New Hampshire	68	Anchorage, Alaska			140	Detroit, Mich.
32	New Jersey	69	Anderson, Ind.	106	Buffalo, N.Y.	141	Dubuque, Iowa
33	New Mexico	70	Anderson, S.C.	107	Burlington, N.C.	142	Duluth-Superior, Minn. Wis.
34	New York			108	Burlington, Vt.	143	Eau Claire, Wis.
35	North Carolina	71	Ann Arbor, Mich.	109	Caguas, P.R.	144	El Paso, Tex.
36	North Dakota	72	Anniston, Ala.	110	Canton, Ohio	145	Elkhart, Ind.
37	Ohio	73	Appleton-Oshkosh, Wis.				
38	Oklahoma	74	Arecibo, P.R.	111	Casper, Wyo.	146	Elmira, N.Y.
39	Oregon	75	Asheville, N.C.	112	Cedar Rapids, Iowa	147	Enid, Okla.
40	Pennsylvania	76	Athens, Ga.	113	Champaign-Urbana-Rantoul, Ill.		

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.			236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	196	Johnstown, Pa.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	197	Joplin, Mo.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	199	Kankakee, Ill.				
		200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
164	Fort Wayne, Ind.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
165	Fresno, Calif.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
				244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
166	Gadsden, Ala.	206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
167	Gainesville, Fla.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.		
				249	Muncie, Ind.	286	Pittsburgh, Pa.
171	Grand Forks, N.Dak.- Minn.	211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
172	Grand Rapids, Mich.	212	Laredo, Tex.			288	Ponce, P.R.
173	Great Falls, Mont.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
174	Greeley, Colo.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
175	Green Bay, Wis.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
				254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
176	Greensboro-Winston-Salem- High Point, N.C.	216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	217	Lawton, Okla.			293	Providence-Warwick- Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
180	Harrisburg, Pa.	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio			263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.

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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	366	Waterbury, Conn.
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	368	Wausau, Wis.
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	369	West Palm Beach-Boca Raton, Fla.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	370	Wheeling, W. Va.-Ohio
312	St. Joseph, Mo.						
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	371	Wichita, Kans.
314	Salem, Oreg.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	373	Williamsport, Pa.
		334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	374	Wilmington, Del.-N.J.-Md.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	375	Wilmington, N.C.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.			376	Worcester, Mass.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	356	Tulsa, Okla.	377	Yakima, Wash.
318	San Angelo, Tex.	338	Springfield, Ill.	357	Tuscaloosa, Ala.	378	York, Pa.
319	San Antonio, Tex.	339	Springfield, Mo.	358	Tyler, Tex.	379	Youngstown-Warren, Ohio
320	San Diego, Calif.	340	Springfield, Ohio	359	Utica-Rome, N.Y.	380	Yuba City, Calif.
				360	Vallejo-Fairfield-Napa, Calif.		
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.	361	Victoria, Tex.		
322	San Jose, Calif.	342	Stamford, Conn.				

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Introduction

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SUPPRESSION OF DATA FOR CONFIDENTIALITY.	VIII

GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

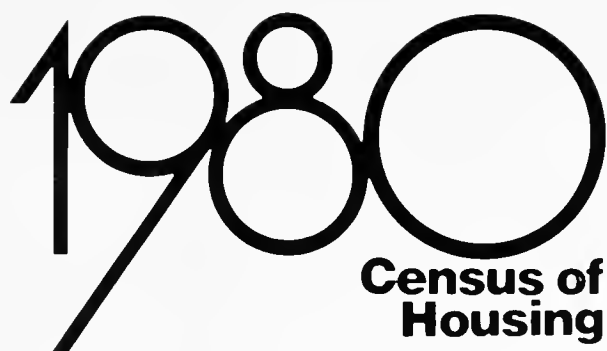
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

BROCKTON, MASS.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-103

Contents

Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear IX

List of Tables—shows the table numbers and titles for each of the 68 tables X

Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear XII

Map—Standard Metropolitan Statistical Areas, Counties, and Selected Places XIV

INDEX OF TABLES

Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total	A	1 to 12	—	—	—	—	—
Brockton	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit.	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit.	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built.	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning.	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel.	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked.	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income.	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked.	—	—	—	—	—	—
Gross rent as percentage of household income.	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income.	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

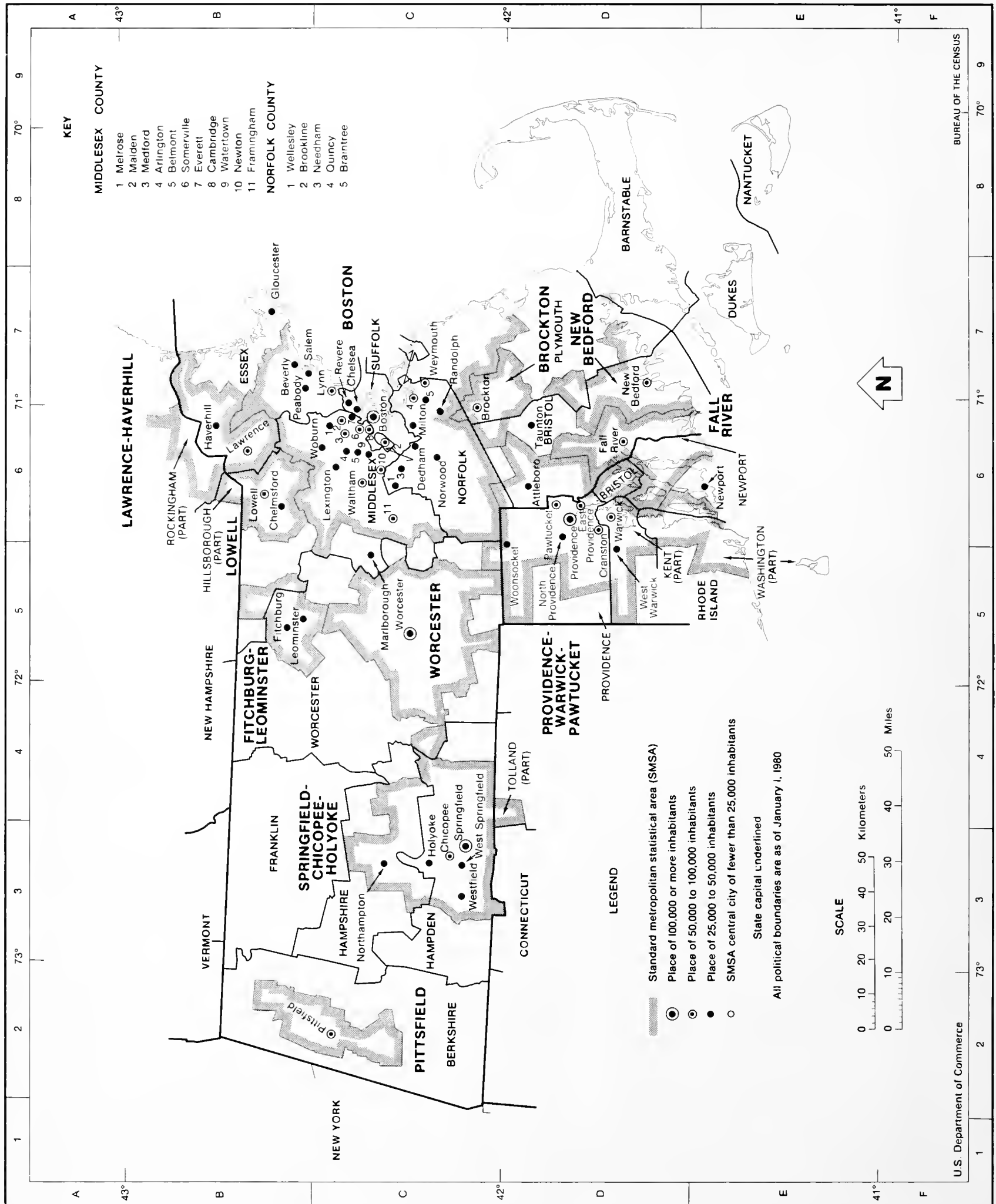
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit.	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit.	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built.	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning.	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel.	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked.	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income. . . .	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked.	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

1. In tables where the median age for total persons in owner-occupied and renter-occupied housing units is shown as ~~85~~, the correct entry should be three dots (...).
2. The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	28 395	48	555	3 662	8 821	7 981	3 923	2 554	570	245	36	41 200	43 700
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	22 574	48	270	2 272	6 847	6 618	3 437	2 274	538	239	31	42 500	45 300
15 to 24 years -----	370	5	—	33	204	93	14	14	7	—	—	37 700	39 700
25 to 34 years -----	5 981	—	27	328	1 742	1 870	1 194	678	85	45	12	44 100	46 800
35 to 44 years -----	5 746	—	17	326	1 705	1 816	879	707	209	82	5	44 000	47 900
45 to 64 years -----	8 245	20	120	1 116	2 454	2 356	1 131	719	222	93	14	41 600	44 300
65 years and over -----	2 232	23	106	469	742	483	219	156	15	19	—	36 500	38 900
Male householder, no wife present -----	1 703	—	82	387	563	448	147	76	—	—	—	37 100	37 300
15 to 24 years -----	94	—	—	16	46	32	—	—	—	—	—	34 000	34 900
25 to 34 years -----	292	—	4	17	121	110	23	17	—	—	—	40 300	41 100
35 to 44 years -----	216	—	7	29	61	65	38	16	—	—	—	41 400	42 200
45 to 64 years -----	590	—	24	158	147	156	68	37	—	—	—	38 300	38 600
65 years and over -----	511	—	47	167	188	85	18	6	—	—	—	32 500	32 200
Female householder, no husband present -----	4 118	—	203	1 003	1 411	915	339	204	32	6	5	35 500	37 600
15 to 24 years -----	50	—	—	20	21	5	—	—	4	—	—	31 800	36 400
25 to 34 years -----	501	—	9	75	216	129	38	26	8	—	—	37 300	39 100
35 to 44 years -----	692	—	4	142	235	180	55	58	13	—	5	38 700	41 500
45 to 64 years -----	1 275	—	54	296	446	292	103	71	7	6	—	35 900	38 200
65 years and over -----	1 600	—	136	470	493	309	143	49	—	—	—	33 300	35 000
Median age -----	45.5	64.0	65.5	56.9	45.4	43.3	41.7	41.0	43.0	44.2	41.0	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	2 362	—	28	160	665	624	358	356	109	50	12	44 800	49 900
1975 to 1978 -----	6 455	—	32	382	1 933	2 057	1 101	713	177	55	5	43 600	46 700
1970 to 1974 -----	5 670	7	57	501	1 754	1 598	874	670	109	86	14	42 800	46 100
1960 to 1969 -----	7 520	4	133	1 079	2 444	2 232	978	515	108	22	5	40 400	42 100
1959 or earlier -----	6 388	37	305	1 540	2 025	1 470	612	300	67	32	—	36 100	38 000
ROOMS													
1 to 3 rooms -----	282	12	54	138	37	20	4	17	—	—	—	25 000	28 000
4 rooms -----	1 536	12	119	496	564	255	84	6	—	—	—	31 800	32 400
5 rooms -----	6 267	5	135	1 228	2 566	1 704	435	159	24	11	—	37 000	37 800
6 rooms -----	9 123	11	154	959	3 302	2 998	1 126	498	60	15	—	40 400	41 400
7 rooms -----	6 412	—	52	563	1 658	1 990	1 243	770	103	28	5	44 500	46 100
8 or more rooms -----	4 775	8	41	278	694	1 014	1 031	1 104	383	191	31	52 800	57 000
Median -----	6.2	4.5	5.3	5.5	5.9	6.2	6.8	7.3	8.0	8.4	8.5+	...	...
BEDROOMS													
None -----	15	—	—	11	—	—	4	—	—	—	—	26 700	33 300
1 -----	871	8	102	282	246	140	64	29	—	—	—	31 100	32 500
2 -----	5 160	21	218	1 074	1 865	1 294	460	174	40	14	—	36 500	37 700
3 -----	16 982	11	171	1 804	5 523	5 184	2 468	1 552	203	56	10	41 700	43 600
4 -----	4 430	8	46	387	1 035	1 169	723	640	277	124	21	46 200	50 900
5 or more -----	937	—	18	104	152	194	204	159	50	51	5	50 000	54 100
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	2 127	—	—	19	199	513	522	633	158	71	12	55 700	59 800
1970 to 1974 -----	3 241	—	9	84	707	923	782	534	110	73	19	48 900	52 200
1960 to 1969 -----	7 122	4	15	441	2 195	2 568	1 023	681	172	23	—	43 200	45 400
1950 to 1959 -----	5 339	9	112	837	1 905	1 563	604	215	68	26	—	39 000	40 500
1940 to 1949 -----	2 033	15	85	430	780	436	214	63	5	5	—	36 500	37 400
1939 or earlier -----	8 533	20	334	1 851	3 035	1 978	778	428	57	47	5	36 400	38 400
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	1 441	—	149	396	461	269	127	27	6	6	—	33 300	34 800
\$5,000 to \$9,999 -----	2 477	30	118	634	849	607	162	34	36	7	—	34 900	36 000
\$10,000 to \$12,499 -----	1 562	10	86	363	537	357	119	90	—	—	—	36 200	37 200
\$12,500 to \$14,999 -----	1 584	—	21	320	651	328	164	89	—	11	—	36 800	39 100
\$15,000 to \$19,999 -----	4 404	—	77	602	1 664	1 372	439	215	17	18	—	39 200	40 400
\$20,000 to \$24,999 -----	5 227	—	60	530	1 769	1 562	758	501	37	10	—	41 400	43 200
\$25,000 to \$34,999 -----	6 941	8	32	519	1 981	2 212	1 233	705	176	70	5	43 800	46 400
\$35,000 to \$49,999 -----	3 702	—	12	228	778	1 070	694	662	200	53	5	47 800	51 100
\$50,000 or more -----	1 057	—	—	70	131	204	227	231	98	70	26	55 300	62 600
Median -----	\$22 376	\$9 000	\$10 305	\$15 833	\$20 661	\$23 206	\$26 280	\$28 947	\$35 514	\$35 326	\$54 733	...	...
Mean -----	\$23 922	\$11 376	\$12 173	\$17 862	\$21 320	\$24 232	\$27 700	\$32 233	\$38 211	\$41 777	\$58 148	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	22 139	11	192	2 202	6 901	6 630	3 209	2 245	495	218	36	42 300	45 200
Less than 15 percent -----	3 756	4	26	371	1 095	1 119	560	453	77	51	—	43 400	46 000
15 to 19 percent -----	4 833	—	30	450	1 333	1 531	788	510	129	52	10	43 400	46 300
20 to 24 percent -----	4 229	—	42	275	1 276	1 357	719	426	88	30	16	43 300	46 300
25 to 29 percent -----	3 177	—	26	286	1 103	967	362	341	63	24	5	41 600	44 600
30 to 34 percent -----	1 690	—	—	150	554	482	291	169	39	5	—	42 300	45 100
35 percent or more -----	4 402	7	68	650	1 528	1 160	489	340	99	56	5	39 700	42 900
Not computed -----	52	—	—	20	12	—	—	6	—	—	—	35 000	37 700
Median -----	22.9	50+	24.8	24.9	24.0	22.4	21.8	21.8	22.4	21.0	22.5	...	...
Not mortgaged -----	6 256	37	363	1 460	1 920	1 351	714	309	75	27	—	36 300	38 200
Less than 10 percent -----	1 017	—	32	143	369	195	164	90	24	—	—	38 800	42 100
10 to 14 percent -----	1 304	9	69	220	362	326	193	97	23	5	—	39 800	41 200
15 to 19 percent -----	988	5	37	257	322	237	75	40	6	9	—	35 700	37 600
20 to 24 percent -----	625	8	16	187	178	132	84	20	—	—	—	36 800	36 700
25 to 29 percent -----	563	15	36	160	159	112	52	29	—	—	—	33 600	35 100
30 to 34 percent -----	281	—	36	87	50	78	20	10	—	—	—	32 800	35 200
35 percent or more -----	1 440	—	137	401	455	271	118	23	22	13	—	33 600	35 600
Not computed -----	38	—	—	5	25	—	8	—	—	—	—	35 000	38 700
Median -----	19.0	22.8	28.8	22.9	18.4	18.3	14.9	13.3	12.9	19.7	—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	28 315	48	544	3 617	8 805	7 973	3 923	2 554	570	245	36	41 200	43 700
1.01 or more persons per room -----	716	—	8	176	319	146	35	32	—	—	—	35 600	36 800
Lacking complete plumbing for exclusive use -----	80	—	11	45	16	8	—	—	—	—	—	26 500	27 800
1.01 or more persons per room -----	5	—	—	5	—	—	—	—	—	—	—	26 300	26 300
Heating equipment -----	28 395	48	555	3 662	8 821	7 981	3 923	2 554	570	245	36	41 200	43 700
Central heating system -----	26 559	37	456	3 396	8 303	7 464	3 669	2 411	558	234	31	41 300	43 800
Air conditioning -----	12 487	13	127	1 127	3 837	3 725	1 853	1 354	319	110	22	42 800	45 700
Central system -----	1 086	—	8	47	142	245	236	265	89	37	17	53 200	59 900
Income in 1979 below poverty level -----	1 313	—	76	280	469	313	139	24	6	6	—	36 400	37 200
Percent below poverty level -----	4.6	—	13.7	7.6	5.3	3.9	3.5	0.9	1.1	2			

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	20 497	2 384	1 223	2 099	4 121	3 618	3 453	1 759	1 060	242	538	252
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 990	131	207	482	1 352	1 584	1 459	760	621	118	276	288
15 to 24 years.....	963	—	15	78	227	327	182	58	63	9	4	271
25 to 34 years.....	2 375	16	15	131	352	632	666	281	195	48	39	302
35 to 44 years.....	1 002	16	12	42	185	216	226	128	101	29	47	301
45 to 64 years.....	1 508	45	28	102	271	257	246	210	202	32	115	299
65 years and over.....	1 142	54	137	129	317	152	139	83	60	—	71	236
Male householder, no wife present	4 373	265	483	680	919	648	691	354	196	45	92	238
15 to 24 years.....	743	—	64	64	182	150	126	65	40	29	23	264
25 to 34 years.....	1 247	9	77	150	256	241	261	141	95	6	11	278
35 to 44 years.....	1 826	12	66	119	125	79	147	41	28	—	5	244
45 to 64 years.....	1 065	77	164	252	212	123	109	68	27	7	26	206
65 years and over.....	696	167	112	95	144	55	48	39	6	3	27	177
Female householder, no husband present	9 134	1 988	533	937	1 850	1 386	1 303	645	243	79	170	229
15 to 24 years.....	1 272	53	52	163	384	243	237	90	34	16	—	248
25 to 34 years.....	1 826	128	33	94	416	440	432	153	91	16	23	275
35 to 44 years.....	1 164	73	46	148	214	266	173	150	42	27	25	266
45 to 64 years.....	1 767	213	138	247	428	226	265	158	47	20	25	234
65 years and over.....	3 105	1 521	264	285	408	211	196	94	29	—	97	99
Median age	40.8	72.4	60.6	47.7	38.7	32.5	33.5	37.5	35.5	34.6	54.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	7 217	343	407	645	1 357	1 462	1 453	772	574	139	65	279
1975 to 1978.....	7 226	749	368	609	1 432	1 441	1 396	742	339	70	80	263
1970 to 1974.....	3 489	981	263	405	690	393	419	189	82	13	54	205
1960 to 1969.....	1 452	276	128	214	344	192	127	37	23	6	105	209
1959 or earlier.....	1 113	35	57	226	298	130	58	19	42	14	234	223
ROOMS												
1 room.....	587	32	294	139	48	36	14	15	—	9	—	143
2 rooms.....	2 218	1 029	233	299	321	133	140	24	15	—	24	109
3 rooms.....	4 770	917	369	664	1 275	599	691	206	22	2	25	215
4 rooms.....	5 976	195	212	543	1 422	1 169	1 277	663	341	4	150	274
5 rooms.....	4 899	172	83	339	825	1 319	961	662	378	43	117	287
6 rooms.....	1 425	33	19	91	175	291	285	136	202	77	116	308
7 or more rooms.....	622	6	13	24	55	71	85	53	102	107	106	354
Median	3.9	2.6	2.7	3.4	3.8	4.4	4.2	4.5	4.9	6.3	5.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	20 497	2 384	1 223	2 099	4 121	3 618	3 453	1 759	1 060	242	538	252
Complete plumbing for exclusive use.....	19 769	2 317	941	1 993	3 982	3 585	3 403	1 736	1 046	242	524	255
0.50 or less.....	11 888	2 031	634	1 340	2 478	1 761	1 860	866	492	95	331	236
0.51 to 1.00.....	7 261	274	293	613	1 399	1 704	1 420	760	495	141	162	279
1.01 to 1.50.....	552	12	6	40	83	115	109	97	59	—	31	302
1.51 or more.....	68	—	8	—	22	5	14	13	—	6	—	295
Lacking complete plumbing for exclusive use.....	728	67	282	106	139	33	50	23	14	—	14	154
0.50 or less.....	260	47	43	60	76	13	13	—	8	—	—	188
0.51 to 1.00.....	443	20	231	46	63	20	20	23	6	—	14	136
1.01 to 1.50.....	25	—	8	—	—	—	17	—	—	—	—	313
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	4 181	834	260	474	735	777	563	263	144	41	90	235
Complete plumbing for exclusive use.....	3 955	815	160	422	701	777	542	263	144	41	90	240
1.01 or more persons per room.....	211	6	11	22	39	41	45	40	7	—	—	292
Lacking complete plumbing for exclusive use.....	226	19	100	52	34	—	21	—	—	—	—	139
1.01 or more persons per room.....	20	—	8	—	—	—	12	—	—	—	—	308
BEDROOMS												
None.....	669	39	294	179	76	43	14	15	—	9	—	151
1.....	7 892	1 945	665	1 023	1 873	925	975	343	50	9	84	207
2.....	8 219	225	167	702	1 766	1 719	1 729	1 017	656	36	202	284
3.....	3 172	164	70	164	354	870	663	321	276	100	190	293
4.....	480	5	19	25	38	56	72	63	78	81	43	353
5 or more.....	65	6	8	6	14	5	—	—	—	7	19	205
UNITS IN STRUCTURE												
1, detached or attached.....	1 744	91	46	129	223	163	243	159	255	155	280	316
2.....	3 728	60	101	446	908	974	602	287	179	10	161	264
3 and 4.....	5 479	337	236	675	1 277	1 458	899	356	159	21	61	257
5 to 9.....	3 398	587	227	444	990	591	261	169	95	20	14	225
10 to 49.....	4 074	250	345	318	561	406	1 213	606	323	33	19	306
50 or more.....	1 997	1 044	251	66	148	26	228	182	49	3	95	258
Mobile home or trailer, etc.....	77	15	17	21	14	—	7	—	—	—	3	156
YEAR STRUCTURE BUILT												
1975 to March 1980.....	1 066	252	101	72	135	64	172	106	107	48	9	236
1970 to 1974.....	3 990	1 116	198	98	462	281	848	570	350	27	40	264
1960 to 1969.....	2 381	637	129	43	246	251	539	287	149	49	51	269
1950 to 1959.....	1 030	102	44	83	179	185	247	75	48	20	47	276
1940 to 1949.....	1 715	101	92	167	402	472	235	118	64	33	31	258
1939 or earlier.....	10 315	176	659	1 636	2 697	2 365	1 412	603	342	65	360	247
STORIES IN STRUCTURE												
1 to 3.....	18 447	1 400	956	1 960	3 965	3 530	3 227	1 580	1 049	242	538	259
4 or more.....	2 050	984	267	139	156	88	226	179	11	—	—	112
With elevator.....	1 655	975	185	68	49	8	195	164	11	—	—	86
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	2 232	320	117	409	532	406	254	143	42	9	...	227
15 to 19 percent.....	3 083	331	246	326	607	516	524	333	175	25	...	252
20 to 24 percent.....	3 567	904	282	234	590	513	599	258	166	21	...	230
25 to 29 percent.....	2 472	333	148	245	532	366	410	221	176	41	...	248
30 to 34 percent.....	1 672	145	133	97	329	301	353	183	106	25	...	267
35 to 49 percent.....	2 521	132	163	235	526	551	445	271	136	42	...	275
50 percent or more.....	4 087	140	91	504	960	912	816	345	244	75	...	269
Not computed.....	863	79	23	49	45	53	52	5	15	4	538	214
Median	26.9	22.8	24.2	26.1	27.9	29.7	28.9	28.2	29.0	34.6	...	...
SELECTED CHARACTERISTICS												
Heating equipment	20 482	2 384	1 223	2 084	4 121	3 618	3 453	1 759	1 060	242	538	252
Central heating system.....	17 971	2 313	1 050	1 601	3 414	3 055	3 165	1 641	1 028	227	477	256
Air conditioning	7 023	564	232	399	963	945	1 959	1 120	607	100	134	309
Central system.....	1 612	72	25	17	37	151	538	421	285	53	13	346

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

Owner-occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families	26 906	479	1 619	1 242	1 490	4 375	5 345	7 279	3 884	1 193	23 882	25 856	712
15 to 24 years	485	6	17	19	45	130	114	129	19	6	21 203	22 160	6
25 to 34 years	6 724	138	193	222	335	1 438	1 691	2 085	542	80	22 620	23 604	242
35 to 44 years	6 639	76	160	198	258	956	1 531	2 155	1 088	217	25 503	27 115	171
45 to 64 years	10 012	128	399	389	525	1 326	1 694	2 573	2 138	840	26 898	29 534	200
65 years and over	3 046	131	850	414	327	525	315	337	97	50	13 479	16 587	93
Male householder, no wife present	2 426	356	344	211	156	410	367	363	187	32	16 594	18 018	161
15 to 24 years	111	21	13	21	19	22	—	9	6	—	12 566	13 573	14
25 to 34 years	435	21	20	33	40	133	71	58	53	6	18 976	21 245	21
35 to 44 years	284	7	13	23	—	62	111	33	26	9	21 381	23 584	13
45 to 64 years	834	104	111	55	28	122	136	207	54	17	19 850	19 788	57
65 years and over	762	203	187	79	69	71	49	56	48	—	9 664	12 811	56
Female householder, no husband present	5 509	1 224	1 392	593	498	623	483	476	180	40	10 584	13 218	833
15 to 24 years	68	15	30	12	7	—	—	—	4	—	8 382	9 461	22
25 to 34 years	576	129	133	82	46	92	44	41	9	—	10 793	12 337	179
35 to 44 years	884	81	128	145	142	134	83	118	39	14	14 049	16 541	148
45 to 64 years	1 726	205	341	179	157	257	236	236	94	21	14 697	16 785	200
65 years and over	2 255	794	760	175	146	140	120	81	34	5	7 059	9 522	284
Median age	46.8	67.0	66.2	55.3	51.4	42.4	41.5	42.0	47.0	51.3	...	...	46.8

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	3 045	115	180	166	182	544	646	799	347	66	21 933	23 826	99
1975 to 1978	7 909	332	443	332	501	1 432	1 644	2 084	933	208	22 417	24 060	377
1970 to 1974	6 621	301	381	322	326	1 095	1 422	1 801	759	214	23 030	24 292	353
1960 to 1969	8 631	386	715	529	478	1 182	1 440	2 046	1 441	414	23 472	25 041	366
1959 or earlier	8 635	925	1 636	697	657	1 155	1 043	1 388	771	363	16 694	19 967	511

SELECTED CHARACTERISTICS

Complete plumbing for exclusive use	34 656	2 014	3 314	2 041	2 137	5 369	6 183	8 091	4 242	1 265	21 820	23 360	1 672
1.01 or more persons per room	893	15	31	28	42	103	177	237	181	79	27 036	29 263	50
Lacking complete plumbing for exclusive use	185	45	41	5	7	39	12	27	9	—	13 036	14 289	34
1.01 or more persons per room	19	5	—	—	7	—	—	7	—	—	14 107	17 057	5
Heating equipment	34 841	2 059	3 355	2 046	2 144	5 408	6 195	8 118	4 251	1 265	21 783	23 312	1 706
Central heating system	32 554	1 804	3 107	1 907	2 037	5 067	5 761	7 633	4 012	1 226	21 875	23 475	1 510
Air conditioning	15 404	604	1 193	786	881	2 436	2 780	3 995	2 128	601	23 056	24 802	645
Central system	1 588	107	107	103	79	300	201	300	250	141	22 426	28 084	69
Vehicles available	33 492	1 480	2 912	1 963	2 055	5 324	6 145	8 097	4 251	1 265	22 250	23 942	1 402
1	12 028	1 155	2 087	1 252	1 069	2 254	2 062	1 548	494	107	16 032	17 082	856
2 or more	21 464	325	825	711	986	3 070	4 083	6 549	3 757	1 158	25 842	27 786	546
House heating fuel	34 841	2 059	3 355	2 046	2 144	5 408	6 195	8 118	4 251	1 265	21 783	23 312	1 706
Utility gas	8 128	466	601	492	382	1 313	1 560	2 098	1 009	207	22 159	23 211	448
Bottled, tank, or LP gas	159	56	19	20	9	20	23	6	6	—	10 562	12 148	20
Electricity	1 579	87	96	72	106	228	262	369	198	161	23 292	27 659	61
Fuel oil, kerosene, etc.	23 727	1 428	2 565	1 408	1 594	3 630	4 058	5 318	2 868	858	21 481	23 032	1 127
Other	1 248	22	74	54	53	217	292	327	170	39	23 268	25 225	50
Median rooms	6.0	5.4	5.4	5.7	5.8	5.8	6.0	6.2	6.7	7.3	...	...	5.8

Specified owner-occupied housing units

MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS

With a mortgage	22 139	672	1 291	1 000	1 106	3 582	4 492	6 005	3 149	842	23 679	25 133	912
Less than \$200	134	5	26	36	9	20	12	16	4	6	12 500	17 057	18
\$200 to \$249	431	39	79	49	22	78	44	72	28	20	16 186	20 011	37
\$250 to \$299	1 538	84	200	106	81	294	325	254	116	78	19 877	22 100	60
\$300 to \$349	2 888	104	278	174	206	577	570	563	343	73	20 855	22 222	154
\$350 to \$399	3 774	116	168	171	176	706	715	1 087	553	82	23 703	24 991	157
\$400 to \$499	6 818	175	285	315	386	1 093	1 580	1 967	836	181	23 483	24 719	245
\$500 to \$599	4 186	110	177	97	135	532	900	1 373	736	126	25 584	26 361	179
\$600 to \$749	1 877	26	78	37	86	243	299	528	413	167	26 710	30 011	49
\$750 or more	493	13	—	15	5	39	47	145	120	109	32 385	39 963	13
Median	\$429	\$395	\$369	\$389	\$412	\$410	\$431	\$444	\$460	\$489	...	...	\$410
Not mortgaged	6 256	769	1 186	562	478	822	735	936	553	215	15 817	19 637	401
Less than \$50	13	—	8	—	—	—	—	—	—	—	9 531	24 291	—
\$50 to \$74	25	19	6	—	—	—	—	—	—	—	4 145	4 627	12
\$75 to \$99	82	37	29	5	—	—	—	11	—	—	5 476	9 059	—
\$100 to \$124	169	35	33	23	15	29	10	24	—	—	11 793	13 086	27
\$125 to \$149	1 120	302	276	100	86	116	108	57	55	20	9 643	13 436	138
\$150 to \$199	2 037	221	490	255	147	314	186	291	97	36	13 393	16 609	102
\$200 to \$249	2 810	155	344	179	230	363	431	553	396	159	21 551	25 118	122
\$250 or more	242	\$199	\$225	\$230	\$247	\$242	\$250+	\$250+	\$250+	\$250+	...	...	\$212

MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

With a mortgage	22 139	672	1 291	1 000	1 106	3 582	4 492	6 005	3 149	842	23 679	25 133	912
Less than 15 percent	3 756	—	—	—	—	45	150	1 066	1 785	710	39 033	41 496	—
15 to 19 percent	4 833	—	—	12	13	265	986	2 418	1 042	97	28 953	30 069	6
20 to 24 percent	4 229	—	6	41	76	744	1 482	1 584	269	27	24 215	25 016	12
25 to 29 percent	3 177	5	11	84	186	1 044	1 098	699	42	8	20 914	21 180	11
30 to 34 percent	1 690	—	34	109	227	668	508	138	6	—	18 487	18 602	7
35 percent or more	4 402	615	1 240	754	604	816	268	100	5	—	11 147	11 522	824
Not computed	52	—	—	—	—	—	—	—	—	—	2500—	—	52
Median	22.9	50+	50+	41.9	36.1	28.5	23.7	19.0	14.3	10.0	...	...	50+
Not mortgaged	6 256	769	1 186	562	478	822	735	936	553	215	15 817	19 637	401
Less than 10 percent	1 017	—	8	—	—	14	49	333	406	207	39 290	44 811	—
10 to 14 percent	1 304	—	6	14	36	176	369	548	147	8	25 741	26 236	—
15 to 19 percent	988	—	16	72	166	414	265	55	—	—	18 117	18 169	—
20 to 24 percent	625	—	92	149	171	173	40	—	—	—	13 545	13 804	—
25 to 29 percent	563	19	170	244	84	39	7	—	—	—	10 948	10 824	16
30 to 34 percent	281	20	189	46	15	6	5	—	—	—	8 630	9 003	—
35 percent or more	1 440	692	705	37	6	—	—	—	—	—	5 156	5 460	347
Not computed	38	—	—	—	—	—	—	—	—	—	2500—	—	38
Median	19.0	50+	37.5	25.9	21.1	17.7	14.3	11.2	10—	10—	...	...	50+

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Renter-occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	Income in 1979 below poverty level
Renter-occupied housing units	21 007	5 637	5 064	2 188	1 592	2 921	1 798	1 346	362	99	9 800	11 948	4 305
Married-couple families	7 187	398	1 359	888	744	1 676	1 055	762	224	81	15 527	16 665	658
15 to 24 years	968	37	214	167	118	245	134	31	22	—	13 898	14 547	76
25 to 34 years	2 447	155	262	282	271	668	444	310	55	—	16 795	16 994	242
35 to 44 years	1 028	40	124	136	112	253	159	162	28	14	16 409	18 679	125
45 to 64 years	1 551	58	202	162	141	360	249	230	82	67	17 963	19 932	129
65 years and over	1 193	108	557	141	102	150	69	29	37	—	9 323	11 726	86
Male householder, no wife present	4 420	1 031	1 153	438	382	561	372	398	74	11	10 148	12 400	695
15 to 24 years	743	150	200	69	89	118	58	49	5	5	10 779	12 079	166
25 to 34 years	1 265	106	310	166	122	242	111	189	19	—	13 535	15 094	125
35 to 44 years	624	99	132	75	68	85	79	66	20	—	12 721	14 068	86
45 to 64 years	1 068	326	259	90	68	96	118	81	24	6	9 198	12 014	221
65 years and over	720	350	252	38	35	20	6	13	6	—	5 148	7 125	97
Female householder, no husband present	9 400	4 208	2 552	862	466	684	371	186	64	7	5 895	8 129	2 952
15 to 24 years	1 284	598	359	98	90	61	44	29	5	—	5 495	7 401	681
25 to 34 years	1 906	514	577	244	137	234	112	72	16	—	8 827	10 194	661
35 to 44 years	1 219	370	372	150	76	119	78	33	14	7	8 209	10 175	479
45 to 64 years	1 855	607	478	288	129	169	122	41	21	—	8 604	9 872	418
65 years and over	3 136	2 119	766	82	34	101	15	11	8	—	4 244	5 345	713
Median age	40.8	61.4	44.6	36.5	34.1	33.9	34.9	34.9	44.3	49.7	...	...	37.3

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	7 342	1 758	1 834	878	589	978	717	449	93	46	10 225	12 134	1 699
1975 to 1978	7 443	1 771	1 693	734	628	1 141	713	578	174	11	10 877	12 660	1 446
1970 to 1974	3 573	1 277	869	333	247	496	158	161	24	8	7 551	10 051	702
1960 to 1969	1 521	503	388	138	57	200	99	94	33	9	7 961	11 288	272
1959 or earlier	1 128	328	280	105	71	106	111	64	38	25	9 281	12 933	186

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	20 274	5 309	4 855	2 129	1 556	2 853	1 780	1 339	354	99	9 971	12 087	4 079
0.50 or less	12 175	4 104	3 050	1 182	842	1 345	840	644	139	29	8 257	10 557	2 152
0.51 to 1.00	7 466	1 172	1 650	892	642	1 366	869	619	204	52	12 574	14 188	1 710
1.01 to 1.50	565	33	145	47	56	130	66	70	5	13	15 066	16 173	199
1.51 or more	68	—	10	8	16	12	5	6	6	5	15 000	21 560	18
Lacking complete plumbing for exclusive use	733	328	209	59	36	68	18	7	8	—	6 174	8 087	226
0.50 or less	265	106	86	20	13	26	7	7	—	—	7 366	8 617	53
0.51 to 1.00	443	222	111	31	23	42	6	—	8	—	4 992	7 641	153
1.01 to 1.50	25	—	12	8	—	—	5	—	—	—	10 156	10 361	20
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—

SELECTED CHARACTERISTICS

Heating equipment	20 992	5 622	5 064	2 188	1 592	2 921	1 798	1 346	362	99	9 808	11 954	4 297
Central heating system	18 465	4 938	4 447	1 763	1 426	2 614	1 626	1 238	320	93	9 824	12 091	3 631
Air conditioning	7 256	1 139	1 487	719	608	1 397	904	779	187	36	13 664	14 716	905
Central system	1 612	193	339	107	151	284	243	220	63	12	15 225	16 209	189
Vehicles available	15 204	2 239	3 460	1 924	1 401	2 711	1 711	1 312	347	99	12 473	14 195	2 176
1	10 576	1 997	3 031	1 495	949	1 750	825	407	112	10	10 435	11 686	1 818
2 or more	4 628	242	429	429	452	961	886	905	235	89	18 813	19 930	358
House heating fuel	20 992	5 622	5 064	2 188	1 592	2 921	1 798	1 346	362	99	9 808	11 954	4 297
Utility gas	5 794	1 518	1 384	715	500	822	469	291	89	6	9 981	11 472	1 350
Bottled, tank, or LP gas	149	43	33	32	18	12	5	—	6	—	9 830	10 558	47
Electricity	4 429	1 604	998	341	209	509	322	339	88	19	7 793	11 228	771
Fuel oil, kerosene, etc.	10 512	2 445	2 628	1 082	861	1 556	988	710	168	74	10 423	12 499	2 110
Other	108	12	21	18	4	22	14	6	11	—	14 375	16 403	19
Median rooms	4.0	3.3	3.8	4.0	4.3	4.4	4.5	4.5	4.6	4.8	...	...	4.0

Specified renter-occupied housing units

CONTRACT RENT

Less than \$100	2 983	2 201	529	96	25	67	50	15	—	—	4 033	5 151	1 025
\$100 to \$149	2 669	689	920	323	143	318	150	92	34	—	8 208	10 284	417
\$150 to \$199	4 660	1 160	1 313	631	377	573	318	211	74	3	9 491	11 045	1 106
\$200 to \$249	4 227	793	989	569	475	727	340	273	41	20	11 457	12 513	888
\$250 to \$299	2 615	362	591	288	272	547	317	185	33	20	13 111	14 342	399
\$300 to \$349	1 915	147	275	164	165	405	390	282	84	3	16 993	17 587	177
\$350 to \$399	617	43	84	34	38	123	98	136	55	6	19 112	20 014	45
\$400 to \$499	245	4	68	—	11	31	61	42	14	14	20 545	21 081	18
\$500 or more	28	11	—	—	8	—	6	3	—	—	13 438	12 763	16
No cash rent	538	101	139	50	32	71	36	72	10	27	11 450	15 505	90
Median	\$195	\$133	\$183	\$200	\$224	\$229	\$251	\$257	\$288	\$263	...	...	\$176

GROSS RENT

Less than \$100	2 384	1 939	341	37	21	28	18	—	—	—	3 836	4 393	834
\$100 to \$149	1 223	448	629	82	18	12	15	10	9	—	6 165	6 925	260
\$150 to \$199	2 099	665	585	275	137	190	112	89	46	—	8 312	10 299	474
\$200 to \$249	4 121	901	1 153	675	360	604	252	130	40	6	10 024	11 001	735
\$250 to \$299	3 618	719	868	460	344	653	317	210	27	20	11 207	12 683	777
\$300 to \$349	3 453	425	753	351	355	731	527	248	60	3	13 891	14 235	563
\$350 to \$399	1 759	190	256	141	185	351	266	268	88	14	16 200	17 315	263
\$400 to \$499	1 060	108	148	70	62	206	171	241	40	14	17 949	18 594	144
\$500 or more	242	15	36	14	32	16	52	43	25	9	20 513	21 192	41
No cash rent	538	101	139	50	32	71	36	72	10	27	11 450	15 505	90
Median	\$252	\$180	\$235	\$249	\$283	\$293	\$314	\$336	\$338	\$364	...	...	\$235

GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent	2 232	46	181	79	62	283	546	673	296	66	24 318	25 546	58
15 to 19 percent	3 083	205	332	201	229	912	720	445	39	—	17 977	17 668	95
20 to 24 percent	3 567	859	447	458	446	929	329	99	—	—	12 609	12 262	130
25 to 29 percent	2 472	371	555	555	366	501	102	22	—	—	11 396	11 295	210
30 to 34 percent	1 672	258	530	433	289	144	18	—	—	—	10 277	9 923	221
35 to 49 percent	2 521	427	1 587	362	108	22	15	—	—	—	7 771	7 812	446
50 percent or more	4 087	2 919	1 137	17	14	—	—	—	—	—	3 971	4 135	2 606
Not computed	863	426	139	50	32	71	36	72	10	27	5 172	9 547	415
Median	26.9	50+	38.4	27.8	25.3	21.1	17.2	14.5	10.7	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

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	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	22 139	134	431	1 538	2 888	3 774	6 818	4 186	1 877	493	429
PERSONS IN UNIT											
1 person	1 009	41	104	175	217	156	191	89	23	13	343
2 persons	4 390	35	136	437	705	810	1 227	625	335	80	406
3 persons	4 463	13	54	433	549	730	1 276	945	401	62	434
4 persons	6 016	20	59	229	670	942	1 279	1 228	508	181	441
5 persons	3 657	19	35	158	463	683	1 145	735	333	86	435
6 persons	1 658	—	28	79	179	299	500	360	180	33	439
7 persons	618	—	—	14	77	104	222	126	63	12	443
8 or more persons	328	6	15	13	28	50	78	78	34	26	466
Median	3.70	2.24	2.32	2.86	3.45	3.70	3.83	3.85	3.85	4.01	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	18 785	70	275	1 156	2 360	3 117	5 958	3 759	1 631	459	436
15 to 24 years	360	—	—	10	19	55	152	86	34	4	454
25 to 34 years	5 879	6	25	144	344	649	2 268	1 674	666	103	477
35 to 44 years	5 574	12	44	227	641	1 044	1 810	1 057	541	198	439
45 to 64 years	6 255	37	167	595	1 209	1 257	1 575	899	374	142	395
65 years and over	717	15	39	180	147	112	153	43	16	12	342
Male householder, no wife present	1 018	17	48	105	157	217	274	122	64	14	392
15 to 24 years	94	—	8	—	14	19	53	—	—	—	411
25 to 34 years	267	9	10	30	27	45	69	35	34	8	416
35 to 44 years	177	—	—	6	20	35	55	36	19	6	427
45 to 64 years	326	8	10	19	72	89	72	45	11	—	380
65 years and over	154	—	20	50	24	29	25	6	—	—	315
Female householder, no husband present	2 336	47	108	277	371	440	586	305	182	20	391
15 to 24 years	50	—	—	—	31	8	7	—	4	—	340
25 to 34 years	469	5	28	22	62	69	132	108	43	—	425
35 to 44 years	652	7	—	45	46	151	233	92	58	20	427
45 to 64 years	830	18	65	138	145	158	154	81	71	—	366
65 years and over	335	17	15	72	87	54	60	24	6	—	336
Median age	40.6	54.6	57.0	52.2	47.9	43.4	37.9	36.4	37.0	39.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	2 227	6	37	37	89	120	468	731	586	153	549
1975 to 1978	6 118	23	30	129	347	620	2 351	1 841	646	131	482
1970 to 1974	5 284	35	46	171	536	1 094	2 141	821	315	125	428
1960 to 1969	6 398	47	159	729	1 480	1 523	1 507	643	248	62	376
1959 or earlier	2 112	23	159	472	436	417	351	150	82	22	346
ROOMS											
1 to 3 rooms	121	15	22	26	18	12	28	—	—	—	295
4 rooms	806	16	94	135	165	131	202	46	17	—	348
5 rooms	4 648	24	158	576	732	872	1 398	695	188	5	398
6 rooms	7 354	73	62	491	1 149	1 314	2 335	1 315	550	65	423
7 rooms	5 271	—	83	199	581	908	1 763	1 153	483	101	444
8 or more rooms	3 939	6	12	111	243	537	1 092	977	639	322	496
Median	6.2	5.7	5.1	5.6	6.0	6.2	6.3	6.5	6.9	8.1	...
YEAR STRUCTURE BUILT											
1975 to March 1980	2 039	6	5	27	37	103	562	733	444	122	538
1970 to 1974	3 086	—	6	37	220	428	1 206	690	386	113	465
1960 to 1969	6 453	15	63	422	916	1 318	1 947	1 155	480	137	421
1950 to 1959	3 858	55	126	459	666	692	1 066	571	198	25	395
1940 to 1949	1 282	19	79	114	179	251	372	189	74	5	400
1939 or earlier	5 421	39	152	479	870	982	1 665	848	295	91	410
VALUE											
Less than \$10,000	11	4	—	—	—	—	7	—	—	—	411
\$10,000 to \$19,999	192	13	38	41	47	26	15	12	—	—	304
\$20,000 to \$29,999	2 202	49	161	335	531	452	416	198	60	—	353
\$30,000 to \$39,999	6 901	42	131	651	1 151	1 335	2 433	866	282	10	405
\$40,000 to \$49,999	6 630	20	76	357	864	1 267	2 235	1 364	396	51	432
\$50,000 to \$59,999	3 209	—	19	101	218	416	1 123	882	389	61	470
\$60,000 to \$79,999	2 245	6	6	40	62	247	496	727	550	111	537
\$80,000 to \$99,999	495	—	—	—	4	25	72	117	130	147	634
\$100,000 to \$149,999	218	—	—	13	11	6	21	20	65	82	688
\$150,000 or more	36	—	—	—	—	—	—	—	5	31	750+
Median	\$42 300	\$30 300	\$31 200	\$35 500	\$37 000	\$40 600	\$42 100	\$46 600	\$54 700	\$81 600	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	3 756	58	189	542	788	950	866	219	117	27	366
15 to 19 percent	4 833	21	57	425	739	997	1 489	773	285	47	410
20 to 24 percent	4 229	30	35	158	451	717	1 582	878	284	94	437
25 to 29 percent	3 177	12	36	75	299	418	1 104	854	307	72	468
30 to 34 percent	1 690	13	9	66	110	173	555	501	228	35	486
35 percent or more	4 402	—	105	272	483	512	1 201	955	656	218	468
Not computed	52	—	—	—	18	7	21	6	—	—	402
Median	22.9	17.1	17.3	17.7	19.4	19.7	23.3	26.3	29.1	30.9	...
SELECTED CHARACTERISTICS											
Heating equipment	22 139	134	431	1 538	2 888	3 774	6 818	4 186	1 877	493	429
Steam or hot water system	11 652	72	202	752	1 504	1 958	3 646	2 234	986	298	433
Central warm-air furnace or electric heat pump	7 622	51	169	551	999	1 380	2 318	1 459	595	100	423
Other built-in electric units	824	—	18	9	58	83	218	210	154	74	512
Floor, wall, or pipeless furnace	552	—	5	56	80	118	135	126	32	—	410
Other means	1 489	11	37	170	247	235	501	157	110	21	407
Air conditioning	10 057	48	137	595	1 220	1 715	3 183	1 962	911	286	436
Central system	865	—	—	40	39	115	217	203	153	98	511
1 or more individual room units	9 192	48	137	555	1 181	1 600	2 966	1 759	758	188	431
House heating fuel	22 139	134	431	1 538	2 888	3 774	6 818	4 186	1 877	493	429
Utility gas	5 899	19	125	307	736	1 109	1 845	1 147	518	93	428
Bottled, tank, or LP gas	63	—	8	6	8	18	11	12	—	—	376
Electricity	912	—	18	9	64	93	244	228	165	91	512
Fuel oil, kerosene, etc.	14 262	115	258	1 091	1 891	2 381	4 394	2 693	1 150	289	429
Other	1 003	—	22	125	189	173	324	106	44	20	398

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

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	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	6 256	—	13	25	82	169	1 120	2 037	2 810	242
PERSONS IN UNIT										
1 person	1 552	—	—	19	45	63	471	535	419	217
2 persons	2 825	—	13	6	25	85	486	1 031	1 179	239
3 persons	930	—	—	—	12	11	109	285	513	250+
4 persons	486	—	—	—	—	10	28	115	333	250+
5 persons	230	—	—	—	—	—	18	49	163	250+
6 persons	133	—	—	—	—	—	—	—	133	250+
7 persons	62	—	—	—	—	—	—	22	40	250+
8 or more persons	38	—	—	—	—	—	8	—	30	250+
Median	2.06	—	2.00	1.16	1.41	1.75	1.68	1.97	2.34	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	3 789	—	5	—	37	79	533	1 186	1 949	250+
15 to 24 years	10	—	—	—	10	—	—	—	—	113
25 to 34 years	102	—	5	—	6	—	12	11	68	250+
35 to 44 years	172	—	—	—	—	6	4	46	116	250+
45 to 64 years	1 990	—	—	—	—	34	242	554	1 160	250+
65 years and over	1 515	—	—	—	21	39	275	575	605	237
Male householder, no wife present	685	—	8	6	—	38	208	184	241	222
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	25	—	—	—	—	8	—	12	5	219
35 to 44 years	39	—	—	—	—	7	8	—	24	250+
45 to 64 years	264	—	8	6	—	17	97	68	68	203
65 years and over	357	—	—	—	—	6	103	104	144	233
Female householder, no husband present	1 782	—	—	19	45	52	379	667	620	230
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	32	—	—	—	—	—	14	—	18	250+
35 to 44 years	40	—	—	—	—	—	—	5	35	250+
45 to 64 years	445	—	—	—	—	21	81	140	203	243
65 years and over	1 265	—	—	19	45	31	284	522	364	224
Median age	65.0	—	55.9	76.6	73.5	63.9	67.9	67.4	61.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	135	—	—	—	6	6	16	21	86	250+
1975 to 1978	337	—	13	—	16	8	76	65	159	243
1970 to 1974	386	—	—	—	—	4	55	137	190	249
1960 to 1969	1 122	—	—	6	11	17	203	329	556	249
1959 or earlier	4 276	—	—	19	49	134	770	1 485	1 819	239
ROOMS										
1 to 3 rooms	161	—	—	6	14	6	108	9	18	175
4 rooms	730	—	—	—	22	39	318	247	104	198
5 rooms	1 619	—	5	11	13	79	300	634	577	232
6 rooms	1 769	—	—	8	20	25	255	653	808	244
7 rooms	1 141	—	—	—	5	6	88	335	707	250+
8 or more rooms	836	—	8	—	8	14	51	159	596	250+
Median	5.8	—	8.5+	5.1	4.9	5.0	4.9	5.7	6.4	...
YEAR STRUCTURE BUILT										
1975 to March 1980	88	—	—	—	12	—	22	7	47	250+
1970 to 1974	155	—	5	—	—	10	25	64	51	229
1960 to 1969	669	—	—	—	—	12	94	175	388	250+
1950 to 1959	1 481	—	—	—	5	53	203	496	724	248
1940 to 1949	751	—	—	8	21	10	170	231	311	236
1939 or earlier	3 112	—	8	17	44	84	606	1 064	1 289	237
VALUE										
Less than \$10,000	37	—	—	—	20	5	8	4	—	123
\$10,000 to \$19,999	363	—	—	10	26	46	175	73	33	178
\$20,000 to \$29,999	1 460	—	—	8	4	64	442	593	349	218
\$30,000 to \$39,999	1 920	—	—	7	5	41	297	719	851	242
\$40,000 to \$49,999	1 351	—	13	—	15	13	145	416	749	250+
\$50,000 to \$59,999	714	—	—	—	—	—	29	186	499	250+
\$60,000 to \$79,999	309	—	—	—	12	—	15	40	242	250+
\$80,000 to \$99,999	75	—	—	—	—	—	9	6	60	250+
\$100,000 to \$149,999	27	—	—	—	—	—	—	—	27	250+
\$150,000 or more	—	—	—	—	—	—	—	—	—	—
Median	\$36 300	—	\$42 500	\$25 800	\$19 400	\$25 400	\$28 700	\$34 200	\$42 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	1 017	—	13	—	11	48	171	331	443	240
10 to 14 percent	1 304	—	—	6	5	39	194	328	732	250+
15 to 19 percent	988	—	—	—	8	22	135	366	457	245
20 to 24 percent	625	—	—	—	6	19	109	153	338	250+
25 to 29 percent	563	—	—	15	19	6	78	219	226	237
30 to 34 percent	281	—	—	—	20	—	59	113	89	227
35 percent or more	1 440	—	—	4	13	35	374	494	520	230
Not computed	38	—	—	—	—	—	—	33	5	229
Median	19.0	—	10—	27.2	27.9	14.7	22.8	19.7	17.5	...
SELECTED CHARACTERISTICS										
Heating equipment	6 256	—	13	25	82	169	1 120	2 037	2 810	242
Steam or hot water system	4 346	—	5	8	30	94	625	1 465	2 119	248
Central warm-air furnace or electric heat pump	1 372	—	—	—	23	45	369	424	511	229
Other built-in electric units	143	—	—	—	—	8	20	63	52	235
Floor, wall, or pipeless furnace	48	—	—	—	—	10	18	7	13	189
Other means	347	—	8	17	29	12	88	78	115	213
Air conditioning	2 430	—	13	—	39	36	321	819	1 202	249
Central system	221	—	—	—	12	—	24	12	173	250+
1 or more individual room units	2 209	—	13	—	27	36	297	807	1 029	245
House heating fuel	6 256	—	13	25	82	169	1 120	2 037	2 810	242
Utility gas	961	—	8	—	26	37	163	287	440	243
Bottled, tank, or LP gas	55	—	—	13	7	—	12	11	12	181
Electricity	160	—	—	—	—	8	24	63	65	238
Fuel oil, kerosene, etc.	4 977	—	5	8	49	119	899	1 648	2 249	243
Other	103	—	—	4	—	5	22	28	44	237

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

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Occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families	26 906	2 202	3 381	6 521	6 114	8 688
15 to 24 years	485	31	57	135	121	141
25 to 34 years	6 724	1 170	1 302	1 338	1 251	1 663
35 to 44 years	6 639	544	1 324	1 979	1 058	1 734
45 to 64 years	10 012	376	546	2 658	2 790	3 642
65 years and over	3 046	81	152	411	894	1 508
Male householder, no wife present	2 426	100	138	340	609	1 239
15 to 24 years	111	13	7	33	32	26
25 to 34 years	435	22	49	63	113	188
35 to 44 years	284	29	11	67	63	114
45 to 64 years	834	25	28	118	222	441
65 years and over	762	11	43	59	179	470
Female householder, no husband present	5 509	242	484	860	1 370	2 553
15 to 24 years	68	-	9	7	26	26
25 to 34 years	576	66	81	151	155	123
35 to 44 years	884	58	135	238	185	268
45 to 64 years	1 726	61	154	278	493	740
65 years and over	2 255	57	105	186	511	1 376
Median age	46.8	34.8	37.5	44.4	51.6	53.5

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	3 045	787	381	572	560	745
1975 to 1978	7 909	1 757	1 205	1 618	1 416	1 913
1970 to 1974	6 621	-	2 417	1 314	1 205	1 685
1960 to 1969	8 631	-	-	4 217	1 850	2 564
1959 or earlier	8 635	-	-	-	3 062	5 573

ROOMS

1 room	26	-	-	5	-	21
2 rooms	66	6	-	7	15	38
3 rooms	400	24	58	50	160	108
4 rooms	2 913	214	371	314	915	1 099
5 rooms	8 476	593	755	1 833	2 634	2 661
6 rooms	10 450	834	1 192	2 529	2 533	3 362
7 or more rooms	12 510	873	1 627	2 983	1 836	5 191
Median	6.0	6.0	6.2	6.2	5.6	6.2

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	34 656	2 544	3 995	7 707	8 081	12 329
0.50 or less	18 989	1 338	1 888	3 661	4 430	7 672
0.51 to 1.00	14 774	1 174	2 042	3 829	3 428	4 301
1.01 to 1.50	830	32	65	208	206	319
1.51 or more	63	-	-	9	17	37
Lacking complete plumbing for exclusive use	185	-	8	14	12	151
0.50 or less	122	-	-	4	7	111
0.51 to 1.00	44	-	8	5	5	26
1.01 to 1.50	14	-	-	-	-	14
1.51 or more	5	-	-	5	-	-

PERSONS IN UNIT

1 person	3 754	150	263	426	934	1 981
2 persons	9 471	640	818	1 705	2 504	3 804
3 persons	6 430	574	666	1 564	1 564	2 062
4 persons	7 488	713	1 270	1 870	1 658	1 977
5 persons	4 473	334	662	1 279	833	1 365
6 or more persons	3 225	133	324	877	600	1 291
Median	3.15	3.34	3.70	3.59	2.89	2.72
Total persons	117 135	8 463	14 301	28 347	25 549	40 475

UNITS IN STRUCTURE

1, detached or attached	30 387	2 272	3 483	7 552	7 745	9 335
2	2 352	-	43	44	229	2 036
3 and 4	1 128	23	48	33	60	964
5 to 9	231	31	50	20	23	107
10 to 49	194	18	132	12	-	32
50 or more	44	-	38	-	-	6
Mobile home or trailer, etc.	505	200	209	60	36	-

SELECTED CHARACTERISTICS

Heating equipment	34 841	2 544	4 003	7 721	8 093	12 480
Steam or hot water system	19 837	1 093	960	3 427	5 215	9 142
Central warm-air furnace or electric heat pump	10 722	1 179	2 137	3 199	2 095	2 112
Other built-in electric units	1 354	119	657	323	127	128
Floor, wall, or pipeless furnace	641	-	15	330	194	102
Other means	2 287	153	234	442	462	996
Air conditioning	15 404	1 032	2 200	4 044	3 571	4 557
Central system	1 588	286	425	398	270	209
1 or more individual room units	13 816	746	1 775	3 646	3 301	4 348
House heating fuel	34 841	2 544	4 003	7 721	8 093	12 480
Utility gas	8 128	464	1 802	2 728	1 058	2 076
Bottled, tank, or LP gas	1 159	18	11	27	52	51
Electricity	1 579	210	745	341	131	152
Fuel oil, kerosene, etc.	23 727	1 720	1 298	4 387	6 620	9 702
Other	1 248	132	147	238	232	499
Income in 1979 below poverty level	1 706	73	142	351	412	728
Percent below poverty level	4.9	2.9	3.5	4.5	5.1	5.8

HOUSEHOLD INCOME IN 1979

Less than \$5,000	2 059	89	167	294	483	1 026
\$5,000 to \$9,999	3 355	129	193	467	888	1 678
\$10,000 to \$12,499	2 046	107	167	441	424	907
\$12,500 to \$14,999	2 144	154	250	290	481	969
\$15,000 to \$19,999	5 408	373	585	1 141	1 317	1 992
\$20,000 to \$24,999	6 195	519	948	1 398	1 360	1 970
\$25,000 to \$34,999	8 118	737	1 007	2 154	1 857	2 363
\$35,000 to \$49,999	4 251	365	571	1 227	955	1 133
\$50,000 or more	1 265	71	115	309	328	442
Median	\$21 783	\$23 854	\$23 181	\$24 326	\$21 514	\$19 177
Mean	\$23 312	\$25 566	\$24 630	\$25 487	\$23 141	\$21 195

Owner-occupied housing units						Renter-occupied housing units					
Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
34 841	2 544	4 003	7 721	8 093	12 480	21 007	1 070	4 188	2 521	2 821	10 407
26 906	2 202	3 381	6 521	6 114	8 688	7 187	389	1 413	708	944	3 733
485	31	57	135	121	141	968	16	181	101	184	486
6 724	1 170	1 302	1 338	1 251	1 663	2 447	71	392	242	380	1 362
6 639	544	1 324	1 979	1 058	1 734	1 028	24	162	127	141	574
10 012	376	546	2 658	2 790	3 642	1 551	112	349	129	132	829
3 046	81	152	411	894	1 508	1 193	166	329	109	107	482
2 426	100	138	340	609	1 239	4 420	172	697	442	601	2 508
111	13	7	33	32	26	743	14	110	51	148	420
435	22	49	63	113	188	1 265	46	248	185	161	625
284	29	11	67	63	114	624	45	112	20	99	348
834	25	28	118	222	441	1 068	29	106	67	115	751
762	11	43	59	179	470	720	38	121	119	78	364
5 509	242	484	860	1 370	2 553	9 400	509	2 078	1 371	1 276	4 166
68	-	9	7	26	26	1 284	46	109	145	340	644
576	66	81	151	155	123	1 906	74	403	211	282	936
884	58	135	238	185	268	1 219	18	167	133	222	679
1 726	61	154	278	493	740	1 855	99	333	222	221	980
2 255	57	105	186	511	1 376	3 136	272	1 066	660	211	927
46.8	34.8	37.5	44.4	51.6	53.5	40.8	63.0	51.9	47.7	33.8	38.9
3 045	787	381	572	560	745	7 342	497	1 382	832	1 115	3 516
7 909	1 757	1 205	1 618	1 416	1 913	7 443	573	1 414	958	1 085	3 413
6 621	-	2 417	1 314	1 205	1 685	3 573	-	1 392	343	324	1 514
8 631	-	-	4 217	1 850	2 564	1 521	-	-	388	201	932
8 635	-	-	-	3 062	5 573	1 128	-	-	-	96	1 032
26	-	-	5	-	21	587	5	38	28	24	492
66	6	-	7	15	38	2 218	229	813	386	158	632
400	24	58	50	160	108	4 821	362	1 149	810	764	1 736
2 913	214	371	314	915	1 099	6 155	285	1 306	656	823	3 085
8 476	593	755	1 833	2 634	2 661	5 028	135	648	410	707	3 128
10 450	834	1 192	2 529	2 533	3 362	1 504	49	177	124	252	902
12 510	873	1 627	2 983	1 836	5 191	694	5	57	107	93	432
6.0	6.0	6.2	6.2	5.6	6.2	4.0	3.3	3.6	3.6	4.1	4.3
34 656	2 544	3 995	7 707	8 081	12 329	20 274	1 039	4 169	2 501	2 698	9 867
18 989	1 338	1 888	3 661	4 430	7 672	12 175	706	2 804	1 570	1 508	5 587
14 774	1 174	2 042	3 829	3 428	4 301	7 466	326	1 251	862	1 083	3 944
830	32	65	208	206	319	565	7	114	54	97	293
63	-	-	9	17	37	68	-	-	15	10	43
185	-	8	14	12	151	733	31	19	20	123	540
122	-	-	4	7	111	265	22	6	20	67	150
44	-	8	5	5	26	443	9	13	-	51	370
14	-	-	-	-	14	25	-	-	-	5	20
5	-	-	5	-	-	-	-	-	-	-	-
3 754	150	263	426	934	1 981	8 275	519	1 988	1 136	904	3 728
9 471	640	818	1 705	2 504	3 804	5 839	380	1 127	646	886	2 800
6 430	574	666	1 564	1 564	2 062	3 087	105	566	345	428	1 643
7 488	713	1 270	1 870	1 658	1 977	2 122	27	321	181	305	1 288
4 473	334	662	1 279	833	1 365	961	27	142	127	178	487
3 225	133	324	877	600	1 291	723	12	44	86	120	461
3.15	3.34	3.70	3.59	2.89	2.72	1.88	1.54	1.59	1.69	2.07	2.03
117 135	8 463	14 301	28 347	25 549	40 475	46 131	1 853	8 141	5 466	6 829	23 842
30 387	2 272	3 483	7 552	7 745	9 335	2 254	80	439	471	491	773
2 352	-	43	44	229	2 036	3 728	86	189	120	486	2 847
1 128	23	48	33	60	964	5 479	27	163	224	1 032	4 033
231	31	50	20	23	107	3 398	197	514	458	503	1 726
194	18	132	12	-	32	4 074	469	1 526	917	245	917
44	-	38	-	-	6	1 997	203	1 323	324	57	90
505	200	209	60	36	-	77	8	34	7	7	21
34 841	2 544	4 003	7 721	8 093	12 480	20 992	1 070	4 188	2 521	2 821	10 392
19 837	1 093	960	3 427	5 215	9 142	10 271	217	768	790	1 682	6 814
10 722	1 179	2 137	3 199	2 095	2 112	4 613	328	1 279	1 038	496	1 472
1 354	119	657	323	127	128	3 320	445	2 021	535	137	182
641	-	15	330	194	102	261	14	41	55	60	91
2 287	153	234	442	462	996	2 527	66	79	103	446	1 833
15 404	1 032	2 200	4 044	3 571	4 557	7 256	728	2 724	1 268	590	1 946
1 588	286	425	398	270	209	1 612	180	793	506	59	74
13 816	746	1 775	3 646	3 301	4 348	5 644	548	1 931	762	531	1 872
34 841	2 544	4 003	7 721	8 093	12 480	20 992	1 070	4 188	2 521	2 821	10 392
8 128	464	1 802	2 728	1 058	2 076	5 794	139	756	879	891	3 129
159	18	11	27	52	51	149	5	5	11	19	109
1 579	210	745	341	131	152	4 429	625	2 620	780	163	241
23 727	1 720	1 298	4 387	6 620	9 702	10 512	287	792	851	1 728	6 854
1 248	132	147	238	232	499	108	14	15	-	20	59
1 706	73	142	351	412	728	4 305	141	710	440	648	2 366
4.9	2.9	3.5	4.5	5.1	5.8	20.5	13.2	17.0	17.5	23.0	22.7
2 059	89	167	294	483	1 026	5 637	271	1 335	816	628	2 587
3 355	129	193	467	888	1 678	5 064	350	807	518	700	2 689
2 046	107	167	441	424	907	2 188	99	338	202	389	1 160
2 144	154	250	290	481	969	1 592	32	266	214	204	876
5 408	373	585	1 141	1 317	1 992	2 921	81	572	389	416	1 463
6 195	519	948	1 398	1 360	1 970	1 798	88	407	217	276	810
8 118	737	1 007	2 154	1 857	2 363	1 346	96	361	132	167	590
4 251	365	571	1 227	955	1 133	362	53	74	31	32	172
1 265	71	115	309	328	442	99	-	28	2	9	60
\$21 783	\$23 854	\$23 181	\$24 326	\$21 514	\$19 177	\$9 800	\$8 697	\$9 665	\$9 317	\$10 530	\$9 864
\$23 312	\$25 566	\$24 630	\$25 487	\$23 141	\$21 195	\$11 948	\$12 471	\$12 182	\$11 398	\$12 395	\$11 812

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	34 841	30 387	3 949	505	21 007	2 254	3 728	5 479	3 398	4 074	1 997	77
Condominium housing units	454	147	307	—	169	26	13	8	62	49	11	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	26 906	24 073	2 516	317	7 187	1 043	1 777	2 015	822	1 166	353	11
15 to 24 years	485	380	98	7	968	70	243	295	195	111	54	—
25 to 34 years	6 724	6 236	477	11	2 447	323	676	763	225	394	66	—
35 to 44 years	6 639	6 111	514	14	1 028	187	257	306	119	126	30	3
45 to 64 years	10 012	8 883	1 017	112	1 551	259	320	447	148	302	75	—
65 years and over	3 046	2 463	410	173	1 193	204	281	204	135	233	128	8
Male householder, no wife present	2 426	1 894	484	48	4 420	347	510	980	774	1 435	374	—
15 to 24 years	111	94	17	—	743	42	109	210	166	184	32	—
25 to 34 years	435	315	120	—	1 265	104	162	310	174	451	64	—
35 to 44 years	284	246	25	13	624	19	121	102	149	191	42	—
45 to 64 years	834	646	175	13	1 068	101	82	197	156	444	88	—
65 years and over	762	593	147	22	720	81	36	161	129	165	148	—
Female householder, no husband present	5 509	4 420	949	140	9 400	864	1 441	2 484	1 802	1 473	1 270	66
15 to 24 years	68	50	18	—	1 284	61	183	487	301	198	43	11
25 to 34 years	576	516	60	—	1 906	206	316	623	302	381	68	10
35 to 44 years	884	741	129	14	1 219	216	196	375	282	106	44	—
45 to 64 years	1 726	1 400	266	60	1 855	201	382	490	260	329	181	12
65 years and over	2 255	1 713	476	66	3 136	180	364	509	657	459	934	33
Median age	46.8	45.8	54.0	65.5	40.8	42.1	37.6	35.5	39.9	42.1	69.0	65.8
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 045	2 577	431	37	7 342	627	1 141	1 864	1 367	1 707	625	11
1975 to 1978	7 909	6 832	813	264	7 443	813	1 295	1 928	1 136	1 746	492	33
1970 to 1974	6 621	5 976	482	163	3 573	290	593	836	532	477	815	30
1960 to 1969	8 631	7 964	651	16	1 521	293	326	463	277	94	65	3
1959 or earlier	8 635	7 038	1 572	25	1 128	231	373	388	86	50	—	—
ROOMS												
1 room	26	15	11	—	587	14	9	44	94	342	84	—
2 rooms	66	32	34	—	2 218	39	78	189	581	507	824	—
3 rooms	400	265	87	48	4 821	215	438	944	1 176	1 234	775	39
4 rooms	2 913	1 677	977	259	6 155	528	1 329	1 652	976	1 439	211	20
5 rooms	8 476	6 685	1 627	164	5 028	525	1 354	2 085	478	495	73	18
6 rooms	10 450	9 739	683	28	1 504	472	388	495	76	43	30	—
7 or more rooms	12 510	11 974	530	6	694	461	132	70	17	14	—	—
Median	6.0	6.2	5.0	4.3	4.0	5.1	4.5	4.4	3.4	3.5	2.6	3.5
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	34 656	30 299	3 852	505	20 274	2 247	3 658	5 313	3 336	3 745	1 898	77
0.50 or less	18 989	16 188	2 388	413	12 175	1 245	2 057	2 826	2 028	2 506	1 456	57
0.51 to 1.00	14 774	13 353	1 329	92	7 466	921	1 438	2 286	1 230	1 153	418	20
1.01 to 1.50	830	722	108	—	565	73	143	179	70	76	24	—
1.51 or more	63	36	27	—	68	8	20	22	8	10	—	—
Lacking complete plumbing for exclusive use	185	88	97	—	733	7	70	166	62	329	99	—
0.50 or less	122	64	58	—	265	7	32	82	26	93	25	—
0.51 to 1.00	44	19	25	—	443	—	38	67	36	228	74	—
1.01 to 1.50	14	—	14	—	25	—	—	17	—	8	—	—
1.51 or more	5	5	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	36	15	21	—	669	14	9	56	116	376	98	—
1	1 435	922	438	75	8 005	441	866	1 430	1 820	1 857	1 559	32
2	8 022	5 593	2 033	396	8 400	693	1 960	2 513	1 183	1 728	288	35
3	19 206	18 058	1 114	34	3 311	724	833	1 332	256	104	52	10
4	4 976	4 770	206	—	538	335	46	139	14	4	—	—
5 or more	1 166	1 029	137	—	84	47	14	9	9	5	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 059	1 635	365	59	5 637	475	633	1 430	1 215	733	1 108	43
\$5,000 to \$9,999	3 355	2 626	580	149	5 064	511	821	1 297	853	1 121	427	34
\$10,000 to \$12,499	2 046	1 677	302	67	2 188	253	443	682	317	413	80	—
\$12,500 to \$14,999	2 144	1 714	378	52	1 592	225	307	457	242	295	66	—
\$15,000 to \$19,999	5 408	4 672	655	81	2 921	270	716	819	361	630	125	—
\$20,000 to \$24,999	6 195	5 515	627	53	1 798	242	401	445	197	417	96	—
\$25,000 to \$34,999	8 118	7 421	667	30	1 346	161	289	299	164	362	71	—
\$35,000 to \$49,999	4 251	3 962	285	4	362	86	80	50	36	92	18	—
\$50,000 or more	1 265	1 165	90	10	99	31	38	—	13	11	6	—
Median	\$21 783	\$22 375	\$17 583	\$11 660	\$9 800	\$11 393	\$12 314	\$10 046	\$7 622	\$11 108	\$4 701	\$4 550
Mean	\$23 312	\$23 983	\$19 328	\$14 103	\$11 948	\$13 861	\$14 159	\$11 349	\$10 137	\$13 293	\$7 937	\$4 268
SELECTED CHARACTERISTICS												
Heating equipment	34 841	30 387	3 949	505	20 992	2 254	3 728	5 471	3 391	4 074	1 997	77
Steam or hot water system	19 837	17 016	2 806	15	10 271	982	2 373	3 228	1 653	1 677	358	—
Central warm-air furnace or electric heat pump	10 722	9 652	608	462	4 613	657	572	785	683	1 197	642	77
Other built-in electric units	1 354	1 109	245	—	3 320	312	173	262	587	1 029	957	—
Floor, wall, or pipeless furnace	641	630	5	6	261	47	38	49	60	54	13	—
Other means	2 287	1 980	285	22	2 527	256	572	1 147	408	117	27	—
Air conditioning	15 404	13 456	1 666	282	7 256	774	1 035	1 093	660	2 706	953	35
Central system	1 588	1 232	151	205	1 612	29	37	40	165	1 073	243	25
Vehicles available	33 492	29 396	3 605	491	15 204	1 809	3 118	4 025	2 176	3 044	962	70
1	12 028	9 921	1 724	383	10 576	1 092	2 048	2 791	1 657	2 178	763	47
2 or more	21 464	19 475	1 881	108	4 628	717	1 070	1 234	519	866	199	23
House heating fuel	34 841	30 387	3 949	505	20 992	2 254	3 728	5 471	3 391	4 074	1 997	77
Utility gas	8 128	7 293	758	77	5 794	642	1 194	1 894	1 075	819	170	—
Bottled, tank, or LP gas	159	126	6	27	149	37	19	41	29	23	—	—
Electricity	1 579	1 234	345	—	4 429	366	241	366	758	1 333	1 358	7
Fuel oil, kerosene, etc.	23 727	20 544	2 789	394	10 512	1 156	2 252	3 160	1 523	1 882	469	70
Other	1 248	1 190	51	7	108	53	22	10	6	17	—	—
Water heating fuel	34 815	30 365	3 945	505	20 881	2 254	3 728	5 479	3 390	3 964	1 989	77
Utility gas	9 371	8 030	1 247	94	7 175	742	1 423	2 432	1 317	1 003	258	—
Bottled, tank, or LP gas	410	339	55	16	460	92	78	174	37	68	11	—
Electricity	9 789	8 536	873	380	5 982	754	787	849	882	1 208	1 425	77
Fuel oil, kerosene, etc.	15 189	13 408	1 766	15	7 221	659	1 440	2 004	1 154	1 676	288	—
Other	56	52	4	—	43	7	—	20	—	9	7	—
Family householder	30 612	27 194	3 060	358	11 396	1 616	2 581	3 516	1 527	1 640	483	33
With own children under 18 years	17 315	15 974	1 295	46	6 627	1 044	1 481	2 301	924	686	171	20
With own children under 6 years	6 586	6 017	537	32	3 453	427	852	1 214	533	318	102	7
Female householder, no husband present	2 886	2 456	406	24	3 766	518	751	1 341	661	358	115	22
With own children under 18 years	1 470	1 318	146	6	2 840	448	485	1 087	500	247	56	17
With own children under 6 years	257	228	29	—	1 164	131	156	516	248	92	14	7
Nonfamily householder	4 229	3 193	889	147	9 611	638	1 147	1 963	1 871	2 434	1 514	44
Income in 1979 below poverty level	1 706	1 441	248	17	4 305	485	578	1 375	793	551	489	34
Percent below poverty level	4.9	4.7	6.3	3.4	20.5	21.5	15.5	25.1	23.3	13.5	24.5	44.2

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	34 841	3 754	9 471	6 430	7 488	4 473	2 002	802	421	3.15	117 135
Nonrelatives present	1 026	—	389	228	118	127	50	68	46	3.04	3 893
ROOMS											
1 to 3 rooms	492	243	181	50	7	5	—	6	—	1.52	915
4 rooms	2 913	862	1 432	327	198	79	6	—	9	1.92	6 279
5 rooms	8 476	1 117	3 043	1 627	1 556	742	273	76	42	2.55	25 139
6 rooms	10 450	891	2 600	2 120	2 594	1 463	531	191	60	3.32	36 034
7 rooms	7 055	427	1 356	1 343	1 854	1 189	560	233	93	3.72	26 369
8 or more rooms	5 455	214	859	963	1 279	995	632	296	217	4.04	22 399
Median	6.0	5.2	5.5	6.1	6.3	6.5	6.8	7.0	7.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	34 656	3 706	9 413	6 419	7 471	4 440	1 989	797	421	3.16	116 532
1.00 or less	33 763	3 706	9 409	6 414	7 464	4 368	1 717	524	161	3.09	110 356
1.01 to 1.50	830	—	—	5	7	72	272	267	207	6.72	5 690
1.51 or more	63	—	4	—	—	—	—	6	53	8.22	486
Lacking complete plumbing for exclusive use	185	48	58	11	17	33	13	5	—	2.27	603
1.00 or less	166	48	58	11	17	21	6	5	—	2.10	513
1.01 to 1.50	14	—	—	—	—	7	7	—	—	5.50	69
1.51 or more	5	—	—	—	—	5	—	—	—	5.00	21
UNITS IN STRUCTURE											
1, detached or attached	30 387	2 843	7 794	5 747	6 882	4 129	1 857	743	392	3.29	103 584
2 or more	3 949	764	1 405	633	575	344	140	59	29	2.36	12 481
Mobile home or trailer, etc.	505	147	272	50	31	—	5	—	—	1.89	1 070
VALUE											
Specified owner-occupied housing units	28 395	2 561	7 215	5 393	6 502	3 887	1 791	680	366	3.32	96 845
Less than \$10,000	48	—	26	11	4	7	—	—	—	2.42	183
\$10,000 to \$19,999	555	195	200	42	48	43	13	2	12	1.91	1 668
\$20,000 to \$29,999	3 662	737	1 147	556	500	360	191	144	27	2.45	10 525
\$30,000 to \$39,999	8 821	829	2 306	1 654	1 979	1 118	619	175	141	3.27	29 613
\$40,000 to \$49,999	7 981	511	1 835	1 722	1 933	1 138	544	210	88	3.45	28 770
\$50,000 to \$59,999	3 923	184	959	825	1 017	601	208	81	48	3.49	13 536
\$60,000 to \$79,999	2 554	96	557	419	805	427	174	44	32	3.75	9 246
\$80,000 to \$99,999	570	4	133	118	133	142	24	4	12	3.73	2 130
\$100,000 to \$149,999	245	—	42	46	71	42	18	20	6	3.99	1 066
\$150,000 or more	36	5	10	—	12	9	—	—	—	3.75	108
Median	\$41 200	\$33 500	\$39 700	\$42 300	\$43 300	\$43 300	\$41 100	\$40 600	\$40 400	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	34 841	3 754	9 471	6 430	7 488	4 473	2 002	802	421	3.15	117 135
Median income	\$21 783	\$7 755	\$19 464	\$23 596	\$23 677	\$25 174	\$27 018	\$29 722	\$32 724	...	...
Median selected monthly owner costs as percentage of household income	22.3	39.7	21.6	20.7	22.8	21.7	20.0	18.4	16.7	...	...
With a mortgage	22.9	36.5	23.0	22.4	23.5	22.1	20.8	18.9	17.1	...	...
Not mortgaged	19.0	41.5	18.8	14.0	11.8	12.8	11.5	12.7	10	...	...
Income in 1979 below poverty level	1 706	485	295	217	375	199	78	33	24	2.84	...
Median income	\$3 527	\$2 686	\$2 759	\$3 553	\$4 737	\$5 519	\$5 625	\$7 386	\$7 000	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	50+	50+	50+	50+	50+	38.9	50+	—	27.5	...	...
Renter-occupied housing units	21 007	8 275	5 839	3 087	2 122	961	466	169	88	1.88	46 131
Nonrelatives present	1 846	—	1 092	327	211	125	55	30	6	2.35	5 155
ROOMS											
1 room	587	569	12	—	—	—	—	—	6	1.02	653
2 rooms	2 218	1 919	281	12	—	6	—	—	—	1.08	2 514
3 rooms	4 821	3 240	1 342	176	59	4	—	—	—	1.24	6 501
4 rooms	6 155	1 624	2 488	1 270	587	134	37	10	5	2.08	13 273
5 rooms	5 028	649	1 372	1 189	1 038	490	202	74	14	2.91	14 959
6 rooms	1 504	203	262	359	260	203	141	31	45	3.30	5 343
7 or more rooms	694	71	82	81	178	124	86	54	18	4.13	2 888
Median	4.0	3.0	4.0	4.6	4.9	5.2	5.5	5.5	5.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	20 274	7 748	5 738	3 039	2 096	950	458	162	83	1.92	44 947
1.00 or less	19 641	7 748	5 726	3 035	2 037	811	219	54	11	1.86	41 482
1.01 to 1.50	565	—	—	4	59	129	239	98	36	5.88	2 998
1.51 or more	68	—	12	—	—	10	—	10	36	7.68	467
Lacking complete plumbing for exclusive use	733	527	101	48	26	11	8	7	5	1.20	1 184
1.00 or less	708	527	101	40	26	6	8	—	—	1.17	1 023
1.01 to 1.50	25	—	—	8	—	5	—	7	5	5.40	161
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	2 254	519	526	383	375	237	136	54	24	2.71	6 982
2	3 728	984	1 158	628	590	216	101	32	19	2.26	9 121
3 and 4	5 479	1 571	1 602	1 014	697	345	177	50	23	2.23	13 482
5 to 9	3 398	1 635	919	487	199	98	29	19	12	1.57	6 413
10 to 49	4 074	2 090	1 266	433	195	52	23	5	10	1.47	7 242
50 or more	1 997	1 432	348	142	53	13	—	9	—	1.20	2 769
Mobile home or trailer, etc.	77	44	20	—	13	—	—	—	—	1.38	122
GROSS RENT											
Specified renter-occupied housing units	20 497	8 187	5 671	2 984	2 046	932	427	162	88	1.86	44 562
Less than \$100	2 384	1 997	150	97	51	58	25	6	—	1.10	3 072
\$100 to \$149	1 223	857	266	46	27	19	—	—	8	1.21	1 771
\$150 to \$199	2 099	1 178	565	159	121	33	35	—	8	1.39	3 747
\$200 to \$249	4 121	1 706	1 374	551	305	107	54	20	4	1.76	7 923
\$250 to \$299	3 618	768	1 243	770	527	215	56	27	12	2.34	8 911
\$300 to \$349	3 453	993	1 007	677	407	205	107	39	18	2.23	8 564
\$350 to \$399	1 759	338	604	324	282	100	72	23	16	2.40	4 662
\$400 to \$499	1 060	156	308	273	165	90	57	7	4	2.74	3 280
\$500 or more	242	24	45	16	62	58	8	16	13	4.08	1 040
No cash rent	538	170	109	71	99	47	13	24	5	2.41	1 592
Median	\$252	\$199	\$265	\$289	\$295	\$303	\$317	\$321	\$326	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	21 007	8 275	5 839	3 087	2 122	961	466	169	88	1.88	46 131
Median income	\$9 800	\$5 646	\$12 633	\$12 125	\$14 757	\$14 151	\$17 436	\$15 444	\$16 786	...	...
Median gross rent as percentage of household income	26.9	29.6	24.0	27.8	24.7	25.5	23.2	28.3	21.9	...	...
Income in 1979 below poverty level	4 305	1 688	874	747	493	293	110	72	28	2.03	...
Median income	\$3 525	\$2 635	\$3 548	\$3 728	\$4 468	\$6 067	\$7 296	\$7 273	\$12 667	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	47.1	49.6	31.3	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA																					
	Married-couple families						Male householder, no wife present				Female householder, no husband present				Median age						
	15 to 24 years						25 to 34 years				35 to 44 years					45 to 64 years				65 years and over	
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years		45 to 64 years	65 years and over	Total			
Owner-occupied housing units -----																					
PERSONS IN UNIT																					
1 person -----																					
2 persons -----																					
3 persons -----																					
4 persons -----																					
5 persons -----																					
6 or more persons -----																					
Median -----																					
Total persons -----																					
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use -----																					
1.01 or more persons per room -----																					
Lacking complete plumbing for exclusive use -----																					
1.01 or more persons per room -----																					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified owner-occupied housing units -----																					
With a mortgage -----																					
Less than 15 percent -----																					
15 to 19 percent -----																					
20 to 24 percent -----																					
25 to 29 percent -----																					
30 to 34 percent -----																					
35 percent or more -----																					
Not computed -----																					
Median -----																					
Not mortgaged -----																					
Less than 10 percent -----																					
10 to 14 percent -----																					
15 to 19 percent -----																					
20 to 24 percent -----																					
25 to 29 percent -----																					
30 to 34 percent -----																					
35 percent or more -----																					
Not computed -----																					
Median -----																					
Renter-occupied housing units -----																					
PERSONS IN UNIT																					
1 person -----																					
2 persons -----																					
3 persons -----																					
4 persons -----																					
5 persons -----																					
6 or more persons -----																					
Median -----																					
Total persons -----																					
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use -----																					
1.01 or more persons per room -----																					
Lacking complete plumbing for exclusive use -----																					
1.01 or more persons per room -----																					
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified renter-occupied housing units -----																					
Less than 15 percent -----																					
15 to 19 percent -----																					
20 to 24 percent -----																					
25 to 29 percent -----																					
30 to 34 percent -----																					
35 to 49 percent -----																					
50 percent or more -----																					
Not computed -----																					
Median -----																					

Table A-11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

Owner-occupied housing units

PLUMBING FACILITIES

Complete plumbing for exclusive use..... 3 706
Lacking complete plumbing for exclusive use..... 48

UNITS IN STRUCTURE

1, detached or attached..... 2 843
2 or more..... 764
Mobile home or trailer, etc..... 147

HOUSEHOLD INCOME IN 1979

Less than \$5,000..... 1 248
\$5,000 to \$9,999..... 1 016
\$10,000 to \$12,499..... 395
\$12,500 to \$14,999..... 260
\$15,000 to \$19,999..... 413
\$20,000 to \$24,999..... 254
\$25,000 to \$34,999..... 115
\$35,000 to \$49,999..... 36
\$50,000 or more..... 17
Median..... \$7 755
Mean..... \$10 144

MORTGAGE STATUS AND SELECTED MONTHLY

OWNER COSTS

Specified owner-occupied housing units..... 2 561
With a mortgage..... 1 009
Less than \$200..... 41
\$200 to \$249..... 104
\$250 to \$299..... 175
\$300 to \$349..... 217
\$350 to \$399..... 156
\$400 to \$499..... 191
\$500 to \$599..... 89
\$600 to \$749..... 23
\$750 or more..... 13
Median..... \$343
Not mortgaged..... 1 552
Less than \$50..... 1
\$50 to \$74..... 19
\$75 to \$99..... 45
\$100 to \$124..... 63
\$125 to \$149..... 471
\$150 to \$199..... 535
\$200 to \$249..... 419
\$250 or more..... 217
Median..... \$201

SELECTED CHARACTERISTICS

Median selected monthly owner costs as percentage of household income in 1979..... 39.7
With a mortgage..... 36.5
Not mortgaged..... 41.5
Income in 1979 below poverty level..... 485
Percent below poverty level..... 12.9

Renter-occupied housing units

PLUMBING FACILITIES

Complete plumbing for exclusive use..... 7 748
Lacking complete plumbing for exclusive use..... 527

UNITS IN STRUCTURE

1, detached or attached..... 519
2..... 984
3 and 4..... 1 571
5 to 9..... 1 635
10 to 49..... 2 090
50 or more..... 1 432
Mobile home or trailer, etc..... 44

HOUSEHOLD INCOME IN 1979

Less than \$5,000..... 3 851
\$5,000 to \$9,999..... 2 275
\$10,000 to \$12,499..... 743
\$12,500 to \$14,999..... 447
\$15,000 to \$19,999..... 543
\$20,000 to \$24,999..... 262
\$25,000 to \$34,999..... 123
\$35,000 to \$49,999..... 31
\$50,000 or more..... 1
Median..... \$5 646
Mean..... \$7 654

GROSS RENT

Specified renter-occupied housing units..... 8 187
Less than \$100..... 1 997
\$100 to \$149..... 857
\$150 to \$199..... 1 178
\$200 to \$249..... 1 706
\$250 to \$299..... 768
\$300 to \$349..... 993
\$350 to \$399..... 338
\$400 to \$499..... 156
\$500 or more..... 24
No cash rent..... 170
Median..... \$199

SELECTED CHARACTERISTICS

Median gross rent as percentage of household income in 1979..... 29.6
Income in 1979 below poverty level..... 1 688
Percent below poverty level..... 20.4

	Male householder						Female householder					
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
3 754	1 352	67	260	111	379	535	2 402	11	105	61	631	1 594
3 706 48	1 339 13	67 —	252 8	111 —	379 —	530 5	2 367 35	11 —	105 —	61 —	615 16	1 575 19
2 843 764 147	1 044 277 31	55 12 —	212 48 —	80 18 13	264 108 7	433 91 11	1 799 487 116	11 — —	94 11 —	54 7 —	447 134 50	1 193 335 66
1 248	326	15	7	7	104	193	922	—	15	7	135	765
1 016	236	5	10	—	50	171	780	4	11	—	200	565
395	150	21	33	13	37	46	245	7	14	7	112	105
260	104	19	28	—	11	46	156	—	22	13	57	64
413	257	7	106	46	65	33	156	—	20	9	76	51
254	155	—	52	34	43	26	99	—	6	20	47	26
115	89	—	24	—	49	16	26	—	17	5	4	—
36	23	—	—	6	13	4	13	—	—	—	—	—
17	12	—	—	5	7	—	5	—	—	—	—	13
\$7 755	\$11 900	\$11 607	\$17 589	\$18 807	\$12 399	\$6 725	\$6 578	\$10 536	\$13 920	\$18 472	\$9 517	\$5 237
\$10 144	\$13 281	\$10 041	\$17 128	\$22 048	\$14 768	\$8 944	\$8 378	\$10 474	\$14 275	\$16 152	\$10 249	\$6 937
2 561	923	55	195	68	240	365	1 638	11	94	39	401	1 093
1 009	484	55	174	53	100	102	525	11	81	33	232	168
41	17	—	9	—	8	—	24	—	—	—	18	6
104	43	8	10	—	10	15	61	—	—	—	46	15
175	73	—	24	—	14	35	102	—	11	—	65	26
217	98	—	27	14	33	24	119	7	9	—	36	67
156	58	7	36	—	7	8	98	—	18	9	41	30
191	119	40	40	13	6	20	72	—	21	19	21	11
89	49	—	14	18	17	—	40	—	22	—	5	13
23	19	—	6	8	5	—	4	4	—	—	—	—
13	8	—	8	—	—	—	5	—	—	5	—	—
\$343	\$359	\$430	\$374	\$448	\$327	\$302	\$332	\$339	\$406	\$431	\$290	\$328
1 552	439	—	21	15	140	263	1 113	—	13	6	169	925
—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	19	—	—	—	—	19
45	—	—	—	—	—	—	45	—	—	—	—	45
63	31	—	8	7	10	6	32	—	—	—	13	19
471	187	—	—	8	82	97	284	—	9	—	49	226
535	84	—	8	—	9	67	451	—	—	—	45	406
419	137	—	5	—	39	93	282	—	4	6	62	210
\$217	\$201	—	\$216	\$153	\$187	\$221	\$220	—	\$186	\$250+	\$225	\$219
39.7	31.0	44.7	24.3	31.3	24.3	37.4	46.0	38.9	33.2	29.8	36.2	50+
36.5	31.2	44.7	25.5	31.4	22.7	50+	43.9	38.9	30.4	31.8	37.1	50+
41.5	30.6	—	16.6	10—	28.7	33.5	46.8	—	50+	27.5	34.9	49.2
485	120	8	7	7	57	41	365	—	15	7	100	243
12.9	8.9	11.9	2.7	6.3	15.0	7.7	15.2	—	14.3	11.5	15.8	15.2
8 275	3 084	374	726	455	890	639	5 191	429	588	261	1 113	2 800
7 748	2 695	339	665	397	710	584	5 053	400	588	249	1 087	2 729
527	389	35	61	58	180	55	138	29	—	12	26	71
519	193	8	39	9	83	54	326	18	27	31	90	160
984	347	55	100	99	63	30	637	83	71	20	167	296
1 571	574	101	167	50	134	122	997	143	107	52	301	394
1 635	589	88	121	111	144	125	1 046	96	128	100	146	576
2 090	1 075	106	268	158	378	165	1 015	76	209	46	249	435
1 432	306	16	31	28	88	143	1 126	9	46	12	153	906
44	—	—	—	—	—	—	44	4	—	—	7	33
3 851	912	100	86	78	326	322	2 939	196	89	89	478	2 087
2 275	983	159	239	121	227	237	1 292	144	159	94	292	603
743	316	26	124	60	73	33	427	60	101	35	182	49
447	246	32	89	61	42	22	201	29	61	24	65	22
543	308	37	142	45	71	13	235	—	122	19	61	33
262	182	13	32	43	88	6	80	—	48	—	26	6
123	106	7	14	35	50	—	17	—	8	—	9	—
31	31	—	—	12	13	6	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
\$5 646	\$8 366	\$7 568	\$10 766	\$11 187	\$7 939	\$4 979	\$4 632	\$5 482	\$11 139	\$7 813	\$6 737	\$4 041
\$7 654	\$9 971	\$8 648	\$11 566	\$12 355	\$10 440	\$6 584	\$6 278	\$6 106	\$11 180	\$7 479	\$7 681	\$4 605
8 187	3 069	374	719	455	890	631	5 118	429	588	252	1 076	2 773
1 997	256	—	—	12	77	167	1 741	9	25	13	194	1 500
857	452	64	64	66	155	103	405	34	27	11	105	228
1 178	576	48	108	108	228	84	602	110	31	67	160	234
1 706	699	95	223	87	170	124	1 007	159	164	79	266	339
768	358	60	113	46	91	48	410	39	120	19	91	141
993	419	63	135	89	84	48	574	50	158	36	165	165
338	156	16	29	27	50	34	182	6	36	27	54	59
156	83	13	36	15	13	6	73	11	16	—	17	29
24	10	—	—	—	7	3	14	11	—	—	3	—
170	60	15	11	5	15	14	110	—	11	—	21	78
\$199	\$213	\$230	\$238	\$219	\$196	\$175	\$183	\$215	\$274	\$225	\$213	\$89
29.6	28.2	32.9	27.6	25.0	26.4	29.6	30.6	50+	27.5	34.3	32.2	28.4
1 688	477	82	45	65	211	74	1 211	145	72	66	247	681
20.4	15.5	21.9	6.2	14.3	23.7	11.6	23.3	33.8	12.2	25.3	22.2	24.3

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	220	54	73	93	Vacant for rent housing units	1 261	564	485	212
ROOMS					ROOMS				
1 to 3 rooms	20	11	9	—	1 room	110	50	42	18
4 rooms	43	—	33	10	2 rooms	142	62	71	9
5 rooms	34	4	28	2	3 rooms	211	96	100	15
6 rooms	77	22	3	52	4 rooms	398	181	134	83
7 rooms	21	—	—	21	5 rooms	268	109	91	68
8 or more rooms	25	17	—	8	6 rooms	112	46	47	19
Median	5.7	6.0	4.3	6.2	7 or more rooms	20	20	—	—
					Median	3.9	3.9	3.7	4.3
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	220	54	73	93	Complete plumbing for exclusive use	1 134	516	434	184
Lacking complete plumbing for exclusive use	—	—	—	—	Lacking complete plumbing for exclusive use	127	48	51	28
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	110	50	42	18
1	19	6	13	—	1	428	198	201	29
2	86	5	55	26	2	491	240	147	104
3	83	26	5	52	3	220	64	95	61
4	24	17	—	7	4	5	5	—	—
5 or more	8	—	—	8	5 or more	7	7	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	51	25	26	—	1975 to March 1980	38	3	35	—
1970 to 1974	5	—	5	—	1970 to 1974	134	106	28	—
1960 to 1969	14	—	—	14	1960 to 1969	81	54	5	22
1950 to 1959	16	—	11	5	1950 to 1959	89	47	33	9
1940 to 1949	24	7	10	7	1940 to 1949	99	35	43	21
1939 or earlier	110	22	21	67	1939 or earlier	820	319	341	160
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	134	38	42	54	1, detached or attached	113	61	36	16
2 or more	86	16	31	39	2	174	75	72	27
Mobile home or trailer	—	—	—	—	3 and 4	297	101	107	89
HEATING EQUIPMENT					5 to 9	255	123	96	36
Central heating system	218	54	73	91	10 to 49	331	166	130	35
Other means	2	—	—	2	50 or more	91	38	44	9
None	—	—	—	—	Mobile home or trailer	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	101	38	16	47	Specified vacant for rent housing units	1 252	555	485	212
Less than \$10,000	—	—	—	—	Less than \$100	100	40	47	13
\$10,000 to \$19,999	13	—	—	13	\$100 to \$149	184	88	65	31
\$20,000 to \$29,999	18	—	—	18	\$150 to \$199	321	39	200	82
\$30,000 to \$39,999	16	—	11	5	\$200 to \$249	331	188	73	70
\$40,000 to \$49,999	29	13	5	11	\$250 to \$299	145	91	49	5
\$50,000 to \$59,999	10	10	—	—	\$300 to \$399	98	71	16	11
\$60,000 to \$79,999	—	—	—	—	\$400 or more	73	38	35	—
\$80,000 to \$99,999	—	—	—	—	Median	\$203	\$232	\$183	\$183
\$100,000 or more	15	15	—	—					
Median	\$40 700	\$53 000	\$35 000	\$26 200					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
The SMSA															
Total	101	—	31	45	10	15	40 700	1 252	100	505	476	98	73	203	
PLUMBING FACILITIES															
Complete plumbing for exclusive use	101	—	31	45	10	15	40 700	1 125	66	431	457	98	73	210	
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	127	34	74	19	—	—	127	
BEDROOMS															
None	—	—	—	—	—	—	—	110	8	102	—	—	—	143	
1	6	—	—	6	—	—	42 500	428	47	132	234	10	5	211	
2	27	—	11	16	—	—	31 000	482	40	174	160	62	46	213	
3	44	—	13	21	10	—	42 400	220	5	97	75	26	17	205	
4	24	—	7	2	—	15	105 000	5	—	—	—	—	5	450	
5 or more	—	—	—	—	—	—	—	7	—	—	7	—	—	222	
YEAR STRUCTURE BUILT															
1975 to March 1980	25	—	—	—	10	15	104 200	38	—	4	5	9	20	420	
1970 to 1974	5	—	—	5	—	—	42 500	134	21	—	40	42	31	321	
1960 to 1969	14	—	11	3	—	—	26 100	81	5	9	47	18	2	249	
1950 to 1959	16	—	—	16	—	—	33 100	80	16	35	24	—	5	108	
1940 to 1949	—	—	—	—	—	—	—	99	—	65	34	—	—	183	
1939 or earlier	41	—	20	21	—	—	40 100	820	58	392	326	29	15	187	
UNITS IN STRUCTURE															
1, detached or attached	101	—	31	45	10	15	40 700	104	5	22	50	5	22	242	
2 or more	—	—	—	—	—	—	—	1 148	95	483	426	93	51	198	
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	13 988	16	266	2 183	5 407	3 977	1 301	651	128	45	14	38 400	40 000
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	10 825	16	149	1 419	4 179	3 294	1 048	541	120	45	14	39 200	41 000
15 to 24 years	194	5	—	28	111	50	—	—	—	—	—	35 900	35 800
25 to 34 years	2 529	—	22	177	1 135	849	256	90	—	—	—	39 500	40 700
35 to 44 years	2 680	—	11	227	1 034	949	276	134	39	5	5	40 600	42 400
45 to 64 years	4 284	11	56	700	1 509	1 208	422	256	78	35	9	39 000	41 500
65 years and over	1 138	—	60	287	390	238	94	61	3	5	—	34 700	36 800
Male householder, no wife present	908	—	40	218	349	209	77	15	—	—	—	35 800	35 900
15 to 24 years	52	—	—	8	31	13	—	—	—	—	—	32 900	33 700
25 to 34 years	165	—	—	17	63	62	23	—	—	—	—	40 400	40 400
35 to 44 years	76	—	—	14	32	23	7	—	—	—	—	37 900	38 500
45 to 64 years	327	—	13	85	106	79	29	15	—	—	—	37 200	37 300
65 years and over	288	—	27	94	117	32	18	—	—	—	—	31 900	31 500
Female householder, no husband present	2 255	—	77	546	879	474	176	95	8	—	—	35 300	36 800
15 to 24 years	34	—	—	20	14	—	—	—	—	—	—	27 100	29 900
25 to 34 years	280	—	—	25	153	72	22	—	8	—	—	36 400	38 700
35 to 44 years	415	—	4	100	165	82	32	32	—	—	—	36 400	38 100
45 to 64 years	655	—	16	157	272	130	55	25	—	—	—	35 200	37 100
65 years and over	871	—	57	244	275	190	67	38	—	—	—	34 500	35 700
Median age	47.0	48.8	65.9	55.5	44.7	43.8	46.6	48.1	55.2	56.0	56.1	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 065	—	10	75	453	327	116	60	15	9	—	39 900	42 400
1975 to 1978	2 871	—	12	235	1 248	925	287	137	27	—	—	39 500	41 100
1970 to 1974	2 808	7	26	324	1 140	868	261	136	19	13	14	39 200	41 600
1960 to 1969	4 150	—	80	707	1 512	1 169	444	185	43	10	—	38 400	40 000
1959 or earlier	3 094	9	138	842	1 054	688	193	133	24	13	—	35 100	36 600
ROOMS													
1 to 3 rooms	74	—	14	39	14	7	—	—	—	—	—	24 400	26 700
4 rooms	622	5	55	252	195	59	50	6	—	—	—	29 900	30 900
5 rooms	3 221	—	77	789	1 533	657	123	36	6	—	—	35 000	35 300
6 rooms	4 908	11	89	610	2 188	1 598	297	91	15	9	—	38 000	38 400
7 rooms	3 220	—	17	360	1 118	1 078	443	180	24	—	—	41 000	41 900
8 or more rooms	1 943	—	14	133	359	578	388	338	83	36	14	48 300	51 600
Median	6.1	5.8	5.3	5.5	5.9	6.3	6.9	7.6	8.3	8.5+	8.5+	...	...
BEDROOMS													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	320	—	46	108	93	42	25	6	—	—	—	30 400	31 200
2	2 477	5	120	623	990	526	136	57	11	9	—	34 500	35 700
3	8 938	11	84	1 150	3 652	2 771	846	384	40	—	—	38 900	40 000
4	1 936	—	10	240	606	539	263	169	77	23	9	42 000	45 600
5 or more	317	—	6	62	66	99	31	35	—	13	5	42 700	48 300
YEAR STRUCTURE BUILT													
1975 to March 1980	444	—	—	11	94	158	73	90	18	—	—	47 000	50 400
1970 to 1974	1 340	—	—	69	547	456	196	54	4	—	14	41 100	44 100
1960 to 1969	4 199	—	15	308	1 509	1 522	540	258	42	5	—	41 500	42 800
1950 to 1959	2 855	9	40	481	1 221	766	184	90	50	14	—	37 300	39 200
1940 to 1949	1 028	—	43	235	437	209	71	28	—	5	—	35 400	36 300
1939 or earlier	4 122	7	168	1 079	1 599	866	237	131	14	21	—	34 100	36 100
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	732	—	70	219	257	121	44	21	—	—	—	33 000	33 600
\$5,000 to \$9,999	1 329	7	78	313	529	284	100	7	11	—	—	34 700	35 100
\$10,000 to \$14,999	780	5	38	222	297	154	39	25	—	—	—	33 500	34 900
\$15,000 to \$19,999	875	—	8	207	460	133	53	14	—	—	—	34 600	35 400
\$20,000 to \$24,999	2 222	—	28	347	965	660	158	59	—	5	—	37 300	38 300
\$25,000 to \$29,999	2 480	—	32	368	1 035	714	203	128	—	—	—	38 000	39 300
\$30,000 to \$34,999	3 319	4	4	300	1 265	1 151	389	150	47	9	—	40 600	42 100
\$35,000 to \$49,999	1 707	—	8	142	506	639	243	140	24	5	—	43 200	44 500
\$50,000 or more	544	—	—	65	93	121	72	107	46	26	14	49 400	57 700
Median	\$21 963	\$10 500	\$8 750	\$16 463	\$20 892	\$24 400	\$26 037	\$28 984	\$36 538	\$54 413	\$65 693	...	...
Mean	\$23 645	\$13 823	\$11 264	\$18 898	\$21 608	\$25 217	\$27 736	\$35 177	\$49 233	\$62 898	\$74 206	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	11 006	11	107	1 382	4 429	3 399	1 022	502	104	36	14	39 000	40 800
Less than 15 percent	1 765	4	9	232	638	555	197	92	20	18	—	40 000	42 100
15 to 19 percent	2 205	—	18	250	809	771	199	121	24	8	5	40 300	41 900
20 to 24 percent	1 956	—	20	165	745	687	209	99	17	5	9	40 500	42 200
25 to 29 percent	1 701	—	10	196	773	508	130	62	22	—	—	38 300	40 100
30 to 34 percent	837	—	—	85	380	280	81	11	—	—	—	38 800	39 500
35 percent or more	2 503	7	50	434	1 072	591	206	117	21	5	—	36 900	38 700
Not computed	39	—	—	20	12	7	—	—	—	—	—	27 400	32 200
Median	23.9	50+	28.2	25.9	25.1	22.7	22.8	21.9	22.4	12.0	21.1	...	...
Not mortgaged	2 982	5	159	801	978	578	279	149	24	9	—	35 200	37 000
Less than 10 percent	380	—	8	77	172	48	32	33	10	—	—	35 400	39 300
10 to 14 percent	625	5	20	112	166	166	83	62	11	—	—	40 400	41 800
15 to 19 percent	517	—	20	155	179	107	27	20	—	9	—	34 500	36 700
20 to 24 percent	316	—	6	135	88	55	24	8	—	—	—	33 100	34 500
25 to 29 percent	291	—	15	102	85	45	34	10	—	—	—	32 600	34 600
30 to 34 percent	126	—	18	25	29	43	6	5	—	—	—	35 900	35 500
35 percent or more	716	—	72	195	248	114	73	11	3	—	—	34 000	34 200
Not computed	11	—	—	—	11	—	—	—	—	—	—	37 500	37 500
Median	19.6	12.5	32.9	22.1	19.1	18.5	19.5	13.3	10.9	17.5	—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	13 966	16	259	2 176	5 407	3 969	1 301	651	128	45	14	38 400	40 000
1.01 or more persons per room	452	—	4	145	200	93	4	6	—	—	—	34 900	34 700
Lacking complete plumbing for exclusive use	22	—	7	7	—	8	—	—	—	—	—	21 400	27 400
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	13 988	16	266	2 183	5 407	3 977	1 301	651	128	45	14	38 400	40 000
Central heating system	13 325	16	229	2 064	5 174	3 783	1 233	639	128	45	14	38 400	40 100
Air conditioning	6 843	5	75	765	2 586	2 107	719	458	91	32	5	40 000	42 000
Central system	620	—	—	19	94	179	116	139	54	14	—	51 000	57 000
Income in 1979 below poverty level	669	—	30	174	272	128	55	10	—	—	—	35 300	35 500
Percent below poverty level	4.8	—	11.3	8.0	5.0	3.2	4.2	1.5	—	—	—	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	15 240	1 914	1 010	1 716	3 329	2 768	2 308	1 169	618	119	289	243
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	4 892	117	158	378	1 093	1 160	947	476	378	56	129	277
15 to 24 years.....	658	—	6	62	161	252	96	41	33	7	—	268
25 to 34 years.....	1 604	16	15	98	267	455	426	176	111	14	26	293
35 to 44 years.....	666	16	12	38	137	160	146	68	55	14	20	289
45 to 64 years.....	1 115	45	28	88	232	182	201	140	138	21	40	290
65 years and over.....	849	40	97	92	296	111	78	51	41	—	43	233
Male householder, no wife present.....	3 309	215	415	577	763	520	431	219	95	18	56	225
15 to 24 years.....	534	—	42	55	135	113	78	58	26	15	12	261
25 to 34 years.....	886	9	67	114	198	213	165	74	40	—	6	264
35 to 44 years.....	461	6	61	107	94	64	93	22	9	—	5	225
45 to 64 years.....	852	65	151	213	205	82	73	32	20	—	11	199
65 years and over.....	576	135	94	88	131	48	22	33	—	3	22	176
Female householder, no husband present.....	7 039	1 582	437	761	1 473	1 088	930	474	145	45	104	225
15 to 24 years.....	1 016	53	46	158	322	169	186	53	18	11	—	240
25 to 34 years.....	1 412	122	33	77	318	343	316	121	60	6	16	270
35 to 44 years.....	910	73	46	119	179	236	108	95	17	20	17	255
45 to 64 years.....	1 365	198	109	191	327	168	187	127	37	8	13	229
65 years and over.....	2 336	1 136	203	216	327	172	133	78	13	—	58	101
Median age.....	41.9	71.0	59.2	46.6	40.2	32.7	33.6	37.8	37.1	38.0	57.6	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	5 276	301	348	562	1 142	1 083	977	476	293	55	39	262
1975 to 1978.....	5 286	534	293	494	1 144	1 124	856	530	218	38	55	256
1970 to 1974.....	2 872	842	229	341	568	342	311	147	55	13	24	201
1960 to 1969.....	1 006	202	92	151	249	131	106	4	23	6	42	207
1959 or earlier.....	800	35	48	168	226	88	58	12	29	7	129	219
ROOMS												
1 room.....	472	32	271	116	20	9	—	15	—	9	—	134
2 rooms.....	1 751	850	194	246	268	77	78	13	15	—	10	104
3 rooms.....	3 478	640	257	537	1 030	419	444	133	4	—	14	212
4 rooms.....	4 302	189	179	441	1 164	886	748	426	185	4	80	257
5 rooms.....	3 847	164	77	289	700	1 071	759	465	245	23	54	280
6 rooms.....	1 054	33	19	80	127	255	229	102	116	25	68	296
7 or more rooms.....	336	6	13	7	20	51	50	15	53	58	63	339
Median.....	3.9	2.6	2.7	3.4	3.8	4.5	4.3	4.5	4.9	6.4	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	15 240	1 914	1 010	1 716	3 329	2 768	2 308	1 169	618	119	289	243
Complete plumbing for exclusive use.....	14 619	1 857	745	1 635	3 219	2 749	2 258	1 146	606	119	285	246
0.50 or less.....	8 762	1 577	497	1 126	1 975	1 362	1 161	551	271	52	190	227
0.51 to 1.00.....	5 403	268	234	469	1 173	1 294	996	516	297	61	95	269
1.01 to 1.50.....	402	12	6	40	57	88	87	74	38	—	—	299
1.51 or more.....	52	—	8	—	14	5	14	5	—	6	—	295
Lacking complete plumbing for exclusive use.....	621	57	265	81	110	19	50	23	12	—	4	143
0.50 or less.....	212	37	43	35	65	13	13	—	6	—	—	186
0.51 to 1.00.....	384	20	214	46	45	6	20	23	6	—	4	133
1.01 to 1.50.....	25	—	8	—	—	—	17	—	—	—	—	313
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	3 446	705	240	428	640	677	467	156	72	11	50	229
Complete plumbing for exclusive use.....	3 224	686	144	376	606	677	446	156	72	11	50	235
1.01 or more persons per room.....	187	6	11	22	39	36	45	21	7	—	—	286
Lacking complete plumbing for exclusive use.....	222	19	96	52	34	—	21	—	—	—	—	138
1.01 or more persons per room.....	20	—	8	—	—	—	12	—	—	—	—	308
BEDROOMS												
None.....	526	39	271	140	43	9	—	15	—	9	—	138
1.....	5 836	1 483	509	850	1 475	609	579	246	35	9	41	202
2.....	6 092	217	151	574	1 537	1 364	1 090	652	385	15	107	268
3.....	2 435	164	52	130	247	725	592	232	148	45	100	289
4.....	311	5	19	22	27	56	47	24	50	34	27	314
5 or more.....	40	6	8	—	—	5	—	—	—	7	14	118
UNITS IN STRUCTURE												
1, detached or attached.....	884	70	25	54	166	99	112	57	93	79	129	275
2.....	2 378	60	74	296	580	599	382	190	112	5	80	262
3 and 4.....	4 513	194	203	601	1 039	1 239	754	300	125	6	52	258
5 to 9.....	2 573	373	159	397	876	498	156	75	30	—	9	223
10 to 49.....	2 927	175	286	296	510	307	706	377	225	26	19	282
50 or more.....	1 930	1 035	251	66	148	26	198	170	33	3	92	254
Mobile home or trailer, etc.....	35	7	12	6	10	—	—	—	—	—	—	109
YEAR STRUCTURE BUILT												
1975 to March 1980.....	594	143	60	60	125	51	76	37	24	13	5	211
1970 to 1974.....	2 823	906	186	73	439	196	428	328	245	7	15	234
1960 to 1969.....	1 797	521	85	43	192	194	394	228	78	27	35	259
1950 to 1959.....	808	102	32	57	147	148	189	59	37	13	24	270
1940 to 1949.....	1 446	101	87	148	343	417	181	79	49	29	12	254
1939 or earlier.....	7 772	141	560	1 335	2 083	1 762	1 040	438	185	30	198	242
STORIES IN STRUCTURE												
1 to 3.....	13 210	930	743	1 577	3 177	2 680	2 098	990	607	119	289	251
4 or more.....	2 030	984	267	139	152	88	210	179	11	—	—	109
With elevator.....	1 655	975	185	68	49	8	195	164	11	—	—	86
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 657	290	95	331	419	263	162	64	31	2	...	216
15 to 19 percent.....	2 140	269	188	261	450	376	321	184	80	11	...	241
20 to 24 percent.....	2 639	720	229	175	470	373	402	163	96	11	...	221
25 to 29 percent.....	1 873	264	114	186	453	313	248	183	94	18	...	242
30 to 34 percent.....	1 257	119	107	87	249	238	260	117	61	19	...	259
35 to 49 percent.....	1 958	108	183	187	440	421	300	211	88	20	...	261
50 percent or more.....	3 203	108	71	460	807	735	583	247	158	34	...	261
Not computed.....	513	36	23	29	41	49	32	—	10	4	289	230
Median.....	27.5	22.6	24.6	27.1	28.4	30.7	30.1	29.7	30.2	34.1	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	15 225	1 914	1 010	1 701	3 329	2 768	2 308	1 169	618	119	289	243
Central heating system.....	13 331	1 848	861	1 284	2 790	2 354	2 142	1 085	600	104	263	246
Air conditioning.....	4 917	491	177	319	793	677	1 252	719	358	53	78	297
Central system.....	1 469	64	25	17	37	112	527	389	267	28	3	345

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Brockton city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	17 330	1 065	1 843	988	1 171	2 762	3 022	3 938	1 910	631	21 300	22 818	922
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	13 040	248	814	634	766	2 216	2 605	3 473	1 714	570	23 450	25 437	375
15 to 24 years	271	6	17	5	35	91	46	59	6	6	18 972	20 993	6
25 to 34 years	2 966	85	92	127	138	682	733	930	152	27	21 973	22 459	133
35 to 44 years	3 096	43	98	125	129	470	708	958	469	96	24 821	26 050	96
45 to 64 years	5 194	78	189	209	265	711	915	1 367	1 040	420	26 292	29 323	116
65 years and over	1 513	36	418	168	199	262	203	159	47	21	14 190	17 480	24
Male householder, no wife present	1 328	203	210	102	101	227	181	191	87	26	15 851	17 717	89
15 to 24 years	64	8	8	—	19	16	—	7	6	—	14 605	16 238	8
25 to 34 years	249	21	20	17	34	77	39	21	20	—	17 138	17 731	21
35 to 44 years	105	—	7	17	—	20	40	12	—	9	21 062	24 721	—
45 to 64 years	465	48	75	42	10	65	69	116	23	17	18 897	20 082	28
65 years and over	445	126	100	26	38	49	33	35	38	—	9 757	13 797	32
Female householder, no husband present	2 962	614	819	252	304	319	236	274	109	35	10 476	13 574	458
15 to 24 years	47	15	14	7	7	—	—	—	4	—	8 281	9 644	15
25 to 34 years	305	83	110	32	11	23	19	24	3	—	8 015	10 303	122
35 to 44 years	516	44	76	62	92	84	31	89	24	14	14 565	17 671	88
45 to 64 years	895	96	146	76	95	148	121	129	63	21	16 003	18 341	88
65 years and over	1 199	376	473	75	99	64	65	32	15	—	7 141	9 239	145
Median age	48.1	65.2	66.3	52.4	52.6	43.3	43.6	43.6	48.6	52.3	...	...	43.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 433	32	108	79	81	325	295	384	103	26	21 084	23 182	38
1975 to 1978	3 512	169	227	130	235	667	684	939	359	102	22 092	23 608	238
1970 to 1974	3 202	205	214	169	184	535	707	785	311	92	21 889	22 850	247
1960 to 1969	4 781	207	419	275	279	711	745	1 200	758	187	23 211	24 583	172
1959 or earlier	4 402	452	875	335	392	524	591	630	379	224	16 294	20 130	227
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	17 251	1 053	1 811	988	1 171	2 751	3 010	3 926	1 910	631	21 330	22 858	917
1.01 or more persons per room	575	11	23	11	30	82	103	164	114	37	26 109	28 128	38
Lacking complete plumbing for exclusive use	79	12	32	—	—	11	12	12	—	—	9 437	14 009	5
1.01 or more persons per room	7	—	—	—	—	—	—	7	—	—	28 750	28 825	—
Heating equipment	17 330	1 065	1 843	988	1 171	2 762	3 022	3 938	1 910	631	21 300	22 818	922
Central heating system	16 449	941	1 745	942	1 140	2 618	2 863	3 748	1 843	609	21 392	22 969	854
Air conditioning	8 257	316	715	431	568	1 338	1 439	2 009	1 088	353	22 531	24 442	368
Central system	726	41	42	36	34	132	82	143	120	96	24 783	31 950	41
Vehicles available	16 474	749	1 515	938	1 111	2 718	2 985	3 917	1 910	631	21 903	23 582	764
1	6 689	585	1 142	589	695	1 275	1 114	949	256	84	16 297	17 623	498
2 or more	9 785	164	373	349	416	1 443	1 871	2 968	1 654	547	25 654	27 656	266
House heating fuel	17 330	1 065	1 843	988	1 171	2 762	3 022	3 938	1 910	631	21 300	22 818	922
Utility gas	4 740	289	389	311	261	816	896	1 195	468	115	21 352	22 191	292
Bottled, tank, or LP gas	18	7	—	—	5	—	—	—	6	—	13 500	17 304	—
Electricity	501	29	29	11	47	67	45	148	67	58	26 023	28 297	22
Fuel oil, kerosene, etc.	11 834	730	1 419	666	852	1 813	2 031	2 544	1 343	436	21 111	22 772	598
Other	237	10	6	—	6	66	50	51	26	22	22 007	26 528	10
Median rooms	6.0	5.4	5.4	5.7	5.8	5.8	5.9	6.2	6.5	7.1	...	...	5.8
Specified owner-occupied housing units	13 988	732	1 329	780	875	2 222	2 480	3 319	1 707	544	21 963	23 645	669
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	11 006	430	745	500	615	1 869	2 075	2 887	1 480	405	22 969	24 409	543
Less than \$200	46	5	6	12	—	9	—	10	4	—	15 000	16 946	11
\$200 to \$249	149	17	49	22	9	21	11	—	8	12	10 966	16 595	20
\$250 to \$299	574	51	75	31	41	94	98	67	67	50	19 297	24 066	17
\$300 to \$349	1 377	80	151	85	103	259	277	235	141	46	20 104	21 567	86
\$350 to \$399	1 986	62	85	101	105	408	305	565	332	23	23 294	24 203	80
\$400 to \$499	3 634	121	209	173	239	600	749	1 038	422	83	22 666	23 865	170
\$500 to \$599	2 202	66	126	50	65	293	488	730	318	66	25 049	25 441	125
\$600 to \$749	831	15	44	11	53	164	128	195	146	75	24 033	28 485	21
\$750 or more	207	13	—	15	—	21	19	47	42	50	28 523	35 753	13
Median	\$432	\$400	\$403	\$400	\$415	\$425	\$438	\$445	\$438	\$479	...	...	\$428
Not mortgaged	2 982	302	584	280	260	353	405	432	227	139	15 985	20 826	126
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	13	—	8	—	—	—	—	—	5	—	9 531	24 291	—
\$75 to \$99	—	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$124	43	19	14	5	—	—	—	5	—	—	6 042	9 118	—
\$125 to \$149	19	—	14	5	—	—	—	—	—	—	8 594	8 805	—
\$150 to \$199	348	108	78	37	30	28	21	12	14	20	8 571	14 132	47
\$200 to \$249	868	87	226	113	78	136	77	108	30	13	12 756	16 101	15
\$250 or more	1 691	88	244	120	152	189	307	307	178	106	21 050	25 035	64
Median	\$250+	\$214	\$239	\$241	\$250+	\$250+	\$250+	\$250+	\$250+	\$250+	...	...	\$250+
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	11 006	430	745	500	615	1 869	2 075	2 887	1 480	405	22 969	24 409	543
Less than 15 percent	1 765	—	—	—	—	19	44	446	910	346	39 653	42 281	—
15 to 19 percent	2 205	—	—	6	4	73	399	1 240	441	42	28 992	30 244	—
20 to 24 percent	1 956	—	6	23	34	319	673	776	116	9	24 379	24 858	12
25 to 29 percent	1 701	5	—	21	117	586	614	342	8	8	20 765	20 946	5
30 to 34 percent	837	—	—	52	104	399	223	59	—	—	18 135	18 468	—
35 percent or more	2 503	386	739	398	356	473	122	24	5	—	10 795	11 037	487
Not computed	39	39	—	—	—	—	—	—	—	—	2500—	—	39
Median	23.9	50+	50+	43.3	36.5	29.5	24.4	19.0	13.9	10—	...	...	50+
Not mortgaged	2 982	302	584	280	260	353	405	432	227	139	15 985	20 826	126
Less than 10 percent	380	—	8	—	—	—	—	100	141	131	42 890	55 958	—
10 to 14 percent	625	—	—	10	8	43	176	294	86	8	26 700	27 840	—
15 to 19 percent	517	—	16	12	73	188	190	38	—	—	19 385	19 375	—
20 to 24 percent	316	—	12	67	113	97	27	—	—	—	14 248	14 758	—
25 to 29 percent	291	—	67	147	51	19	7	—	—	—	11 335	11 514	—
30 to 34 percent	126	6	76	18	15	6	5	—	—	—	9 167	10 090	—
35 percent or more	716	285	405	26	—	—	—	—	—	—	5 770	5 777	115
Not computed	11	11	—	—	—	—	—	—	—	—	2500—	—	11
Median	19.6	50+	40.9	26.7	22.2	18.6	15.7	12.0	10—	10—	...	...	50+

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Brockton city

Renter-occupied housing units -----

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families -----	5 002	302	1 075	664	532	1 168	666	431	132	32	14 662	15 533	539
15 to 24 years -----	663	37	173	124	86	159	71	—	13	—	12 450	13 050	70
25 to 34 years -----	1 655	133	196	194	169	488	251	181	43	—	16 350	16 328	206
35 to 44 years -----	670	22	109	108	88	167	114	60	—	2	15 159	15 559	99
45 to 64 years -----	1 142	45	194	125	92	252	186	179	39	30	17 229	18 496	112
65 years and over -----	872	65	403	113	97	102	44	11	37	—	9 604	12 013	52
Male householder, no wife present -----	3 334	871	883	306	293	403	259	270	38	11	9 541	11 761	560
15 to 24 years -----	534	113	101	60	79	82	53	36	5	5	12 208	12 862	106
25 to 34 years -----	900	93	246	108	98	155	62	133	5	—	12 577	14 188	97
35 to 44 years -----	461	94	93	46	53	68	46	48	13	—	12 364	13 436	81
45 to 64 years -----	855	275	235	67	41	78	98	40	15	6	8 472	11 118	189
65 years and over -----	584	296	208	25	22	20	—	13	—	—	4 965	6 634	87
Female householder, no husband present -----	7 289	3 361	1 943	692	340	517	262	134	40	—	5 702	7 901	2 455
15 to 24 years -----	1 028	509	281	81	59	44	32	17	5	—	5 074	7 080	549
25 to 34 years -----	1 492	445	444	196	105	180	68	47	7	—	8 329	9 570	586
35 to 44 years -----	965	318	307	113	33	86	61	33	14	—	7 773	9 812	412
45 to 64 years -----	1 442	470	369	244	109	119	86	31	14	—	8 717	9 733	329
65 years and over -----	2 362	1 619	542	58	34	88	15	6	—	—	4 216	5 303	579
Median age -----	41.8	59.4	45.0	37.1	34.3	34.2	37.2	35.2	45.0	49.8	...	...	37.2

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980 -----	5 362	1 435	1 387	707	426	659	440	236	48	24	9 532	10 986	1 366
1975 to 1978 -----	5 477	1 418	1 269	566	469	810	474	372	99	—	10 227	11 976	1 211
1970 to 1974 -----	2 944	1 127	767	227	176	400	119	110	14	4	6 978	9 491	645
1960 to 1969 -----	1 042	290	295	84	49	129	81	76	29	9	8 596	12 196	182
1959 or earlier -----	800	264	183	78	45	90	73	41	20	6	8 837	11 689	150

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use -----	14 999	4 234	3 722	1 603	1 139	2 043	1 175	830	210	43	9 377	11 332	3 332
0.50 or less -----	8 947	3 168	2 275	887	658	975	525	372	81	6	7 963	9 893	1 666
0.51 to 1.00 -----	5 585	1 044	1 292	673	433	959	610	419	123	32	11 696	13 369	1 473
1.01 to 1.50 -----	415	22	145	35	48	97	35	33	—	—	12 786	13 360	183
1.51 or more -----	52	—	10	8	—	12	5	6	6	5	18 889	23 970	10
Lacking complete plumbing for exclusive use -----	626	300	179	59	26	45	12	5	—	—	5 396	7 227	222
0.50 or less -----	217	87	70	20	13	15	7	5	—	—	6 920	8 475	53
0.51 to 1.00 -----	384	213	97	31	13	30	—	—	—	—	4 666	6 317	149
1.01 to 1.50 -----	25	—	12	8	—	—	5	—	—	—	10 156	10 361	20
1.51 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—

SELECTED CHARACTERISTICS

Heating equipment -----	15 610	4 519	3 901	1 662	1 165	2 088	1 187	835	210	43	9 203	11 175	3 546
Central heating system -----	13 706	3 939	3 440	1 371	1 060	1 873	1 058	750	178	37	9 226	11 238	2 972
Air conditioning -----	5 125	912	1 112	556	449	971	561	442	109	13	12 421	13 717	690
Central system -----	1 469	165	312	102	139	273	217	193	63	5	15 238	16 109	164
Vehicles available -----	10 587	1 603	2 515	1 433	997	1 890	1 100	808	198	43	12 051	13 548	1 621
1 -----	7 771	1 482	2 244	1 134	753	1 268	560	253	71	6	10 352	11 435	1 435
2 or more -----	2 816	121	271	299	244	622	540	555	127	37	18 625	19 380	186
House heating fuel -----	15 610	4 519	3 901	1 662	1 165	2 088	1 187	835	210	43	9 203	11 175	3 546
Utility gas -----	4 856	1 385	1 129	561	395	690	386	228	76	6	9 609	11 266	1 220
Bottled, tank, or LP gas -----	77	19	27	16	—	4	5	—	6	—	9 148	11 522	29
Electricity -----	2 843	1 111	691	282	172	285	168	105	23	6	7 115	9 524	575
Fuel oil, kerosene, etc. -----	7 812	2 004	2 044	796	598	1 109	628	502	100	31	9 655	11 698	1 722
Other -----	22	—	10	7	—	—	—	—	5	—	10 357	17 360	—
Median rooms -----	4.0	3.3	3.8	4.0	4.3	4.6	4.6	4.6	4.5	5.4	...	...	4.0

Specified renter-occupied housing units -----

CONTRACT RENT

Less than \$100 -----	2 430	1 761	450	87	14	67	36	15	—	—	4 090	5 294	886
\$100 to \$149 -----	2 163	611	723	232	100	265	122	85	25	—	8 121	10 220	366
\$150 to \$199 -----	3 832	1 050	1 051	499	285	483	246	161	54	3	9 150	10 735	1 017
\$200 to \$249 -----	3 218	606	820	464	365	519	243	171	24	6	10 986	11 870	736
\$250 to \$299 -----	1 681	226	344	192	219	360	198	111	20	11	13 396	14 052	263
\$300 to \$349 -----	1 052	83	204	98	108	204	188	126	41	—	15 598	16 231	103
\$350 to \$399 -----	405	33	69	22	19	77	59	81	39	6	17 439	19 470	21
\$400 to \$499 -----	167	4	59	—	—	17	53	27	—	7	20 224	18 539	4
\$500 or more -----	3	—	—	—	3	—	—	—	—	—	13 750	13 990	—
No cash rent -----	289	66	63	38	16	43	10	36	7	10	11 020	14 180	50
Median -----	\$185	\$132	\$182	\$197	\$223	\$216	\$232	\$239	\$244	\$267	...	...	\$172

GROSS RENT

Less than \$100 -----	1 914	1 530	291	37	10	28	18	—	—	—	3 894	4 551	705
\$100 to \$149 -----	1 010	397	504	67	14	8	10	10	—	—	6 102	6 565	240
\$150 to \$199 -----	1 716	575	483	196	86	167	92	74	43	—	7 992	10 332	428
\$200 to \$249 -----	3 329	765	935	529	306	467	182	113	26	6	9 803	10 810	640
\$250 to \$299 -----	2 768	607	666	382	270	447	224	156	11	5	10 726	11 753	677
\$300 to \$349 -----	2 308	327	501	228	267	469	316	152	45	3	13 418	13 920	467
\$350 to \$399 -----	1 169	113	201	117	107	284	170	124	47	6	15 609	16 052	156
\$400 to \$499 -----	618	56	112	38	43	113	95	130	20	11	16 685	17 968	72
\$500 or more -----	119	4	27	—	10	9	38	18	11	2	20 720	20 478	11
No cash rent -----	289	66	63	38	16	43	10	36	7	10	11 020	14 180	50
Median -----	\$243	\$178	\$230	\$247	\$276	\$286	\$307	\$312	\$324	\$371	...	...	\$229

GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent -----	1 657	39	169	79	30	244	393	478	192	33	23 477	23 844	58
15 to 19 percent -----	2 140	161	271	155	163	682	466	231	11	—	17 067	16 650	95
20 to 24 percent -----	2 639	695	363	312	385	624	199	61	—	—	12 095	11 712	124
25 to 29 percent -----	1 873	297	436	489	256	328	60	7	—	—	11 040	10 845	186
30 to 34 percent -----	1 257	206	432	303	205	99	12	—	—	—	9 927	9 600	183
35 to 49 percent -----	1 958	377	1 228	256	67	15	15	—	—	—	7 389	7 562	364
50 percent or more -----	3 203	2 375	821	—	7	—	—	—	—	—	3 880	4 010	2 162
Not computed -----	513	290	63	38	16	43	10	36	7	10	3 581	7 884	274
Median -----	27.5	50+	37.6	27.6	24.7	20.6	16.9	13.7	10.3	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	11 006	46	149	574	1 377	1 986	3 634	2 202	831	207	432
PERSONS IN UNIT											
1 person	548	15	44	71	160	100	100	44	6	8	345
2 persons	2 226	11	50	185	408	414	670	324	121	43	406
3 persons	2 261	—	11	175	232	396	710	518	187	32	439
4 persons	2 935	14	16	61	262	503	1 151	633	236	59	443
5 persons	1 663	6	15	23	190	320	514	406	158	31	450
6 persons	860	—	13	43	68	178	296	173	67	22	436
7 persons	333	—	—	9	42	42	138	64	32	6	443
8 or more persons	180	—	—	7	15	33	55	40	24	6	450
Median	3.66	2.23	2.11	2.68	3.02	3.67	3.79	3.84	3.93	3.85	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	9 081	26	80	414	1 055	1 619	3 074	1 952	672	189	438
15 to 24 years	184	—	—	—	11	40	65	58	6	4	460
25 to 34 years	2 473	—	11	33	85	256	1 032	781	247	28	481
35 to 44 years	2 599	6	5	59	315	514	904	539	188	69	438
45 to 64 years	3 433	20	44	240	555	745	987	544	215	83	409
65 years and over	392	—	20	82	89	64	86	30	16	5	354
Male householder, no wife present	555	9	20	58	103	102	159	64	32	8	393
15 to 24 years	52	—	—	—	8	11	33	—	—	—	425
25 to 34 years	148	9	—	14	18	17	41	15	26	8	457
35 to 44 years	56	—	—	—	20	7	4	25	—	—	463
45 to 64 years	214	—	—	11	40	67	66	24	6	—	392
65 years and over	85	—	20	33	17	—	15	—	—	—	284
Female householder, no husband present	1 370	11	49	102	219	265	401	186	127	10	407
15 to 24 years	34	—	—	—	19	8	7	—	—	—	345
25 to 34 years	264	5	6	—	29	41	79	61	43	—	447
35 to 44 years	392	—	—	15	20	87	166	64	30	10	434
45 to 64 years	468	—	34	54	92	91	106	43	48	—	380
65 years and over	212	6	9	33	59	38	43	18	6	—	349
Median age	42.5	48.8	61.6	56.3	50.9	45.2	39.4	37.9	38.7	43.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	1 011	—	7	12	27	43	211	420	219	72	549
1975 to 1978	2 716	15	12	29	132	205	1 121	909	270	23	487
1970 to 1974	2 591	5	12	38	238	572	1 163	378	138	47	428
1960 to 1969	3 581	12	70	270	764	933	922	409	152	49	386
1959 or earlier	1 107	14	48	225	216	233	217	86	52	16	361
ROOMS											
1 to 3 rooms	38	—	5	8	6	7	12	—	—	—	350
4 rooms	307	—	33	33	67	54	94	19	7	—	369
5 rooms	2 431	18	47	256	365	435	773	421	111	5	409
6 rooms	4 020	28	24	197	658	800	1 304	724	246	39	420
7 rooms	2 636	—	36	36	206	521	931	643	224	39	452
8 or more rooms	1 574	—	4	44	75	169	520	395	243	124	494
Median	6.2	5.7	5.3	5.5	5.9	6.1	6.2	6.4	6.7	8.0	...
YEAR STRUCTURE BUILT											
1975 to March 1980	430	—	—	9	—	23	96	205	81	16	542
1970 to 1974	1 270	—	—	6	121	183	551	249	120	40	444
1960 to 1969	3 813	6	21	162	488	779	1 243	752	287	75	430
1950 to 1959	2 138	25	43	190	291	374	675	388	139	13	420
1940 to 1949	654	6	26	28	102	127	182	122	56	5	418
1939 or earlier	2 701	9	59	179	375	500	887	486	148	58	423
VALUE											
Less than \$10,000	11	4	—	—	—	—	7	—	—	—	411
\$10,000 to \$19,999	107	—	17	16	34	17	15	8	—	—	330
\$20,000 to \$29,999	1 382	12	71	177	314	270	327	171	40	—	372
\$30,000 to \$39,999	4 429	30	38	276	655	883	1 630	683	224	10	417
\$40,000 to \$49,999	3 399	—	18	72	306	664	1 164	901	235	39	449
\$50,000 to \$59,999	1 022	—	5	20	57	115	375	260	155	35	483
\$60,000 to \$79,999	502	—	—	—	6	28	103	172	130	63	566
\$80,000 to \$99,999	104	—	—	—	—	9	13	7	47	28	673
\$100,000 to \$149,999	36	—	—	13	5	—	—	—	—	18	550
\$150,000 or more	14	—	—	—	—	—	—	—	—	14	750+
Median	\$39 000	\$31 800	\$27 600	\$32 700	\$34 000	\$37 900	\$39 100	\$42 000	\$46 500	\$65 100	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	1 765	23	41	217	350	538	435	95	52	14	373
15 to 19 percent	2 205	6	15	127	334	454	797	365	88	19	416
20 to 24 percent	1 956	12	22	61	191	338	737	441	116	38	439
25 to 29 percent	1 701	5	5	28	180	257	576	510	118	22	464
30 to 34 percent	837	—	—	15	43	116	316	232	98	17	482
35 percent or more	2 503	—	66	126	261	276	759	559	359	97	467
Not computed	39	—	—	—	18	7	14	—	—	—	361
Median	23.9	12.0	24.2	17.8	19.9	20.0	23.9	27.0	32.1	33.1	...
SELECTED CHARACTERISTICS											
Heating equipment	11 006	46	149	574	1 377	1 986	3 634	2 202	831	207	432
Steam or hot water system	6 422	37	100	343	824	1 099	2 149	1 216	505	149	435
Central warm-air furnace or electric heat pump	3 259	9	44	129	402	639	1 038	744	215	39	429
Other built-in electric units	304	—	—	—	28	46	113	67	31	19	464
Floor, wall, or pipeless furnace	502	—	5	56	55	118	128	111	29	—	411
Other means	519	—	—	46	68	84	206	64	51	—	426
Air conditioning	5 476	15	57	252	661	967	1 830	1 115	436	143	437
Central system	474	—	—	7	34	82	126	100	57	68	491
1 or more individual room units	5 002	15	57	245	627	885	1 704	1 015	379	75	434
House heating fuel	11 006	46	149	574	1 377	1 986	3 634	2 202	831	207	432
Utility gas	3 381	9	51	110	401	627	1 120	751	274	38	432
Bottled, tank, or LP gas	5	—	—	—	—	—	5	—	—	—	425
Electricity	352	—	—	—	28	56	135	73	31	29	464
Fuel oil, kerosene, etc.	7 072	37	98	430	912	1 261	2 299	1 378	521	136	433
Other	196	—	—	34	36	42	75	—	5	4	383

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	2 982	—	13	—	43	19	348	868	1 691	250+
PERSONS IN UNIT										
1 person	752	—	—	—	27	5	148	281	291	235
2 persons	1 321	—	13	—	11	14	136	392	755	250+
3 persons	435	—	—	—	5	—	38	119	273	250+
4 persons	246	—	—	—	—	—	20	26	200	250+
5 persons	92	—	—	—	—	—	6	28	58	250+
6 persons	87	—	—	—	—	—	—	—	87	250+
7 persons	35	—	—	—	—	—	—	22	13	240
8 or more persons	14	—	—	—	—	—	—	—	14	250+
Median	2.06	—	2.00	—	1.30	1.82	1.69	1.89	2.23	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	1 744	—	5	—	16	14	141	454	1 114	250+
15 to 24 years	10	—	—	—	10	—	—	—	—	113
25 to 34 years	56	—	5	—	—	—	12	6	33	250+
35 to 44 years	81	—	—	—	—	—	—	3	78	250+
45 to 64 years	851	—	—	—	—	—	52	155	644	250+
65 years and over	746	—	—	—	6	14	77	290	359	248
Male householder, no wife present	353	—	8	—	—	5	56	108	176	250
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	17	—	—	—	—	—	—	12	5	235
35 to 44 years	20	—	—	—	—	—	—	—	20	250+
45 to 64 years	113	—	8	—	—	5	25	36	39	226
65 years and over	203	—	—	—	—	—	31	60	112	250+
Female householder, no husband present	885	—	—	—	27	—	151	306	401	243
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	16	—	—	—	—	—	9	—	7	194
35 to 44 years	23	—	—	—	—	—	—	—	23	250+
45 to 64 years	187	—	—	—	—	—	22	46	119	250+
65 years and over	659	—	—	—	27	—	120	260	252	235
Median age	66.0	—	55.9	—	74.6	71.6	69.7	69.2	62.4	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	54	—	—	—	—	—	2	—	52	250+
1975 to 1978	155	—	13	—	6	—	13	41	82	250+
1970 to 1974	217	—	—	—	—	—	35	63	119	250+
1960 to 1969	569	—	—	—	7	5	78	157	322	250+
1959 or earlier	1 987	—	—	—	30	14	220	607	1 116	250+
ROOMS										
1 to 3 rooms	36	—	—	—	—	—	17	5	14	210
4 rooms	315	—	—	—	11	—	101	141	62	216
5 rooms	790	—	5	—	13	13	96	299	364	245
6 rooms	888	—	—	—	14	6	91	235	542	250+
7 rooms	584	—	—	—	5	—	35	126	418	250+
8 or more rooms	369	—	8	—	—	—	8	62	291	250+
Median	5.9	—	8.5+	—	5.3	5.2	5.1	5.5	6.2	...
YEAR STRUCTURE BUILT										
1975 to March 1980	14	—	—	—	6	—	—	—	8	250+
1970 to 1974	70	—	5	—	—	—	12	26	27	235
1960 to 1969	386	—	—	—	—	5	27	81	273	250+
1950 to 1959	717	—	—	—	5	8	45	177	482	250+
1940 to 1949	374	—	—	—	—	—	41	125	208	250+
1939 or earlier	1 421	—	8	—	32	6	223	459	693	248
VALUE										
Less than \$10,000	5	—	—	—	5	—	—	—	—	113
\$10,000 to \$19,999	159	—	—	—	12	13	77	43	14	185
\$20,000 to \$29,999	801	—	—	—	—	—	188	350	263	230
\$30,000 to \$39,999	978	—	—	—	5	6	53	328	586	250+
\$40,000 to \$49,999	578	—	13	—	15	—	30	106	414	250+
\$50,000 to \$59,999	279	—	—	—	—	—	—	29	250	250+
\$60,000 to \$79,999	149	—	—	—	6	—	—	12	131	250+
\$80,000 to \$99,999	24	—	—	—	—	—	—	—	24	250+
\$100,000 to \$149,999	9	—	—	—	—	—	—	—	9	250+
\$150,000 or more	—	—	—	—	—	—	—	—	—	—
Median	\$35 200	—	\$42 500	—	\$39 500	\$19 300	\$24 100	\$31 100	\$39 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	380	—	13	—	5	—	46	115	201	250+
10 to 14 percent	625	—	—	—	5	5	51	126	438	250+
15 to 19 percent	517	—	—	—	8	8	40	174	287	250+
20 to 24 percent	316	—	—	—	6	—	31	69	210	250+
25 to 29 percent	291	—	—	—	—	6	29	103	153	250+
30 to 34 percent	126	—	—	—	6	—	12	47	61	248
35 percent or more	716	—	—	—	13	—	139	228	336	245
Not computed	11	—	—	—	—	—	—	6	5	246
Median	19.6	—	10—	—	22.9	17.8	26.0	21.2	18.6	...
SELECTED CHARACTERISTICS										
Heating equipment	2 982	—	13	—	43	19	348	868	1 691	250+
Steam or hot water system	2 228	—	5	—	12	14	231	686	1 280	250+
Central warm-air furnace or electric heat pump	523	—	—	—	17	5	71	129	301	250+
Other built-in electric units	59	—	—	—	—	—	20	19	20	225
Floor, wall, or pipeless furnace	28	—	—	—	—	—	8	7	13	243
Other means	144	—	8	—	14	—	18	27	77	250+
Air conditioning	1 367	—	13	—	23	8	87	378	858	250+
Central system	146	—	—	—	6	—	—	—	140	250+
1 or more individual room units	1 221	—	13	—	17	8	87	378	718	250+
House heating fuel	2 982	—	13	—	43	19	348	868	1 691	250+
Utility gas	567	—	8	—	18	—	68	140	333	250+
Bottled, tank, or LP gas	7	—	—	—	—	—	—	—	7	250+
Electricity	59	—	—	—	—	—	20	19	20	225
Fuel oil, kerosene, etc.	2 326	—	5	—	25	19	260	703	1 314	250+
Other	23	—	—	—	—	—	—	6	17	250+

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Brockton city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	17 330	462	1 467	4 518	4 231	6 652	15 625	598	3 011	1 937	2 307	7 772
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	13 040	406	1 263	3 771	3 175	4 425	5 002	236	957	507	694	2 608
15 to 24 years	271	6	25	59	73	108	663	7	115	57	153	331
25 to 34 years	2 966	203	482	757	743	781	1 655	23	236	184	286	926
35 to 44 years	3 096	88	539	1 170	453	846	670	9	94	73	95	399
45 to 64 years	5 194	109	184	1 585	1 434	1 882	1 142	85	254	104	87	612
65 years and over	1 513	—	33	200	472	808	872	112	258	89	73	340
Male householder, no wife present	1 328	27	41	188	330	742	3 334	73	425	351	506	1 979
15 to 24 years	64	6	—	11	32	15	534	7	70	32	139	286
25 to 34 years	249	9	21	57	50	112	900	12	132	150	117	489
35 to 44 years	105	12	—	15	26	52	461	14	68	13	91	275
45 to 64 years	465	—	10	62	117	276	855	23	73	56	98	605
65 years and over	445	—	10	43	105	287	584	17	82	100	61	324
Female householder, no husband present	2 962	29	163	559	726	1 485	7 289	289	1 629	1 079	1 107	3 185
15 to 24 years	47	—	—	7	19	21	1 028	34	50	115	302	527
25 to 34 years	305	16	49	108	76	56	1 492	34	342	173	253	690
35 to 44 years	516	7	51	161	102	195	965	—	128	112	174	551
45 to 64 years	895	—	48	177	277	393	1 442	69	251	208	213	701
65 years and over	1 199	6	15	106	252	820	2 362	152	858	471	165	716
Median age	48.1	34.6	37.0	44.4	51.7	54.5	41.8	64.2	56.2	49.6	33.3	39.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 433	150	156	370	342	415	5 362	357	826	610	921	2 648
1975 to 1978	3 512	312	374	948	794	1 084	5 477	241	1 028	746	901	2 561
1970 to 1974	3 202	—	937	756	640	869	2 944	—	1 157	314	290	1 183
1960 to 1969	4 781	—	—	2 444	964	1 373	1 042	—	—	267	128	647
1959 or earlier	4 402	—	—	—	1 491	2 911	800	—	—	—	67	733
ROOMS												
1 room	11	—	—	—	—	11	472	5	—	15	24	428
2 rooms	28	—	—	—	5	23	1 751	133	646	330	122	520
3 rooms	128	—	10	17	57	44	3 529	240	787	572	672	1 258
4 rooms	1 296	6	50	137	388	715	4 443	154	881	499	643	2 266
5 rooms	4 538	125	277	1 087	1 355	1 694	3 966	66	530	354	581	2 435
6 rooms	5 601	163	579	1 629	1 426	1 804	1 116	—	147	103	192	674
7 or more rooms	5 728	168	551	1 648	1 000	2 361	348	—	20	64	73	191
Median	6.0	6.1	6.2	6.1	5.7	6.0	4.0	3.2	3.6	3.6	4.0	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	17 251	462	1 467	4 518	4 219	6 585	14 999	577	2 992	1 917	2 206	7 307
0.50 or less	9 324	175	561	2 175	2 333	4 080	8 947	376	2 029	1 231	1 206	4 105
0.51 to 1.00	7 352	281	859	2 211	1 734	2 267	5 585	194	917	625	911	2 938
1.01 to 1.50	543	6	47	123	139	228	415	7	46	54	79	229
1.51 or more	32	—	—	9	13	10	52	—	—	7	10	35
Lacking complete plumbing for exclusive use	79	—	—	—	12	67	626	21	19	20	101	465
0.50 or less	57	—	—	—	7	50	217	12	6	20	51	128
0.51 to 1.00	15	—	—	—	5	10	384	9	13	—	45	317
1.01 to 1.50	7	—	—	—	—	7	25	—	—	—	5	20
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	1 930	16	60	240	436	1 178	6 219	288	1 449	879	770	2 833
2 persons	4 650	82	183	1 014	1 328	2 043	4 246	230	779	485	680	2 072
3 persons	3 267	112	270	963	835	1 087	2 355	64	443	272	370	1 206
4 persons	3 660	144	499	1 136	856	1 025	1 509	9	228	133	230	909
5 persons	2 104	80	310	662	427	625	764	—	81	106	155	422
6 or more persons	1 719	28	145	503	349	694	532	7	31	62	102	330
Median	3.14	3.65	3.94	3.54	2.92	2.60	1.88	1.55	1.57	1.68	2.06	2.01
Total persons	58 427	1 630	5 655	16 514	13 448	21 180	34 464	995	5 796	4 252	5 656	17 765
UNITS IN STRUCTURE												
1, detached or attached	14 725	462	1 419	4 437	4 007	4 400	1 269	29	323	375	244	298
2	1 535	—	7	24	147	1 357	2 378	67	139	81	371	1 720
3 and 4	896	—	17	26	54	799	4 513	12	65	105	946	3 385
5 to 9	117	—	7	20	23	67	2 573	49	306	332	478	1 408
10 to 49	23	—	—	—	—	23	2 927	238	878	745	211	855
50 or more	23	—	17	—	—	6	1 930	203	1 281	299	57	90
Mobile home or trailer, etc.	11	—	—	11	—	—	35	—	19	—	—	16
SELECTED CHARACTERISTICS												
Heating equipment	17 330	462	1 467	4 518	4 231	6 652	15 610	598	3 011	1 937	2 307	7 757
Steam or hot water system	11 128	194	404	2 139	3 119	5 272	8 021	169	466	613	1 406	5 367
Central warm-air furnace or electric heat pump	4 328	224	908	1 637	654	905	3 454	203	1 038	904	391	918
Other built-in electric units	433	15	101	161	86	70	2 025	146	1 405	286	93	95
Floor, wall, or pipeless furnace	560	—	12	324	182	42	206	14	41	44	60	47
Other means	881	29	42	257	190	363	1 904	66	61	90	357	1 330
Air conditioning	8 257	244	785	2 571	2 013	2 644	5 125	448	1 853	989	491	1 344
Central system	726	51	111	272	188	104	1 469	148	723	493	59	46
1 or more individual room units	7 531	193	674	2 299	1 825	2 540	3 656	300	1 130	496	432	1 298
House heating fuel	17 330	462	1 467	4 518	4 231	6 652	15 610	598	3 011	1 937	2 307	7 757
Utility gas	4 740	175	996	1 581	679	1 309	4 856	139	700	833	783	2 401
Bottled, tank, or LP gas	18	—	—	5	7	6	77	5	5	11	11	45
Electricity	501	25	133	179	90	74	2 843	255	1 855	487	114	132
Fuel oil, kerosene, etc.	11 834	249	332	2 679	3 412	5 162	7 812	194	444	606	1 399	5 169
Other	237	13	6	74	43	101	22	5	7	—	—	10
Income in 1979 below poverty level	922	23	92	209	184	414	3 554	106	568	353	581	1 946
Percent below poverty level	5.3	5.0	6.3	4.6	4.3	6.2	22.7	17.7	18.9	18.2	25.2	25.0
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 065	21	84	176	223	561	4 534	168	1 050	621	566	2 129
\$5,000 to \$9,999	1 843	13	52	274	525	979	3 901	215	627	416	589	2 054
\$10,000 to \$14,999	988	14	69	253	217	435	1 662	68	265	173	328	828
\$15,000 to \$19,999	1 171	6	90	186	290	599	1 165	21	195	193	131	625
\$20,000 to \$24,999	2 762	83	251	699	691	1 038	2 088	41	378	270	386	1 013
\$25,000 to \$29,999	3 022	97	376	803	654	1 092	1 187	34	256	136	179	582
\$30,000 to \$34,999	3 938	155	312	1 341	952	1 178	835	20	191	106	102	416
\$35,000 to \$49,999	1 910	67	202	658	470	513	210	31	34	20	26	99
\$50,000 or more	631	6	31	128	209	257	43	—	15	2	—	26
Median	\$21 300	\$24 844	\$22 441	\$24 021	\$21 148	\$18 488	\$9 193	\$8 397	\$8 566	\$9 185	\$9 986	\$9 268
Mean	\$22 818	\$25 281	\$23 727	\$24 938	\$23 287	\$20 708	\$11 168	\$10 893	\$11 011	\$11 154	\$11 331	\$11 205

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	17 330	14 725	2 594	11	15 625	1 269	2 378	4 513	2 573	2 927	1 930	35
Condominium housing units	81	49	32	—	101	22	13	—	36	19	11	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	13 040	11 374	1 661	5	5 002	547	1 085	1 662	600	790	318	—
15 to 24 years	271	204	67	—	663	30	134	238	135	80	46	—
25 to 34 years	2 966	2 625	336	5	1 655	194	396	599	166	249	51	—
35 to 44 years	3 096	2 792	304	—	670	68	152	256	90	79	25	—
45 to 64 years	5 194	4 541	653	—	1 142	133	218	385	125	206	75	—
65 years and over	1 513	1 212	301	—	872	122	185	184	84	176	121	—
Male householder, no wife present	1 328	965	363	—	3 334	134	317	841	635	1 049	358	—
15 to 24 years	64	52	12	—	534	14	61	180	126	128	25	—
25 to 34 years	249	165	84	—	900	29	112	268	153	283	55	—
35 to 44 years	105	80	25	—	461	4	66	102	122	125	42	—
45 to 64 years	465	350	115	—	855	35	54	153	138	387	88	—
65 years and over	445	318	127	—	584	52	24	138	96	126	148	—
Female householder, no husband present	2 962	2 386	570	6	7 289	588	976	2 010	1 338	1 088	1 254	35
15 to 24 years	47	34	13	—	1 028	42	100	439	265	139	43	—
25 to 34 years	305	280	25	—	1 492	154	199	528	242	291	68	10
35 to 44 years	516	448	62	6	965	147	121	328	241	84	44	—
45 to 64 years	895	720	175	—	1 442	160	278	371	195	264	174	—
65 years and over	1 199	904	295	—	2 362	85	278	344	395	310	925	25
Median age	48.1	47.2	55.4	35.4	41.8	42.7	39.4	35.1	38.7	45.1	69.3	70.4
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 433	1 150	283	—	5 362	307	656	1 539	1 075	1 176	609	—
1975 to 1978	3 512	3 037	470	5	5 477	559	861	1 563	813	1 211	457	13
1970 to 1974	3 202	2 912	290	—	2 944	159	434	691	414	416	808	22
1960 to 1969	4 781	4 333	442	6	1 042	142	203	364	199	78	56	—
1959 or earlier	4 402	3 293	1 109	—	800	102	224	356	72	46	—	—
ROOMS												
1 room	11	—	11	—	472	—	9	27	73	279	84	—
2 rooms	28	—	28	—	1 751	10	49	129	388	351	824	—
3 rooms	128	74	54	—	3 529	131	233	629	901	860	750	25
4 rooms	1 296	673	623	—	4 443	338	847	1 345	761	975	177	—
5 rooms	4 538	3 381	1 157	—	3 966	285	919	1 889	387	411	65	10
6 rooms	5 601	5 185	411	5	1 116	300	252	443	54	37	30	—
7 or more rooms	5 728	5 412	310	6	348	205	69	51	9	14	—	—
Median	6.0	6.1	5.0	6.6	4.0	5.0	4.6	4.6	3.4	3.5	2.6	3.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	17 251	14 703	2 537	11	14 999	1 264	2 335	4 372	2 511	2 651	1 831	35
0.50 or less	9 324	7 746	1 572	6	8 947	679	1 310	2 306	1 468	1 731	1 428	25
0.51 to 1.00	7 352	6 495	852	5	5 585	548	913	1 898	965	864	387	10
1.01 to 1.50	543	452	91	—	415	37	92	154	70	46	16	—
1.51 or more	32	10	22	—	52	—	20	14	8	10	—	—
Lacking complete plumbing for exclusive use	79	22	57	—	626	5	43	141	62	276	99	—
0.50 or less	57	22	35	—	217	5	23	71	26	67	25	—
0.51 to 1.00	15	—	15	—	384	—	20	53	36	201	74	—
1.01 to 1.50	7	—	7	—	25	—	—	17	—	8	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	21	—	21	—	526	—	9	39	95	285	98	—
1	611	326	285	—	5 932	264	462	977	1 326	1 337	1 541	25
2	3 988	2 620	1 368	—	6 248	383	1 319	2 169	939	1 199	239	—
3	10 117	9 401	705	11	2 542	432	564	1 192	195	97	52	10
4	2 160	2 031	129	—	337	173	24	127	9	4	—	—
5 or more	433	347	86	—	40	17	—	9	9	5	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 065	816	249	—	4 534	275	463	1 198	892	582	1 099	25
\$5,000 to \$9,999	1 843	1 386	457	—	3 901	295	521	1 125	678	852	420	10
\$10,000 to \$14,999	988	810	172	6	1 662	185	251	557	256	333	80	—
\$15,000 to \$19,999	1 171	929	242	—	1 165	122	194	335	218	230	66	—
\$20,000 to \$24,999	2 762	2 335	427	—	2 088	162	470	680	254	413	109	—
\$25,000 to \$29,999	3 022	2 585	437	—	1 187	131	227	346	148	253	82	—
\$30,000 to \$34,999	3 938	3 518	415	5	835	69	182	236	97	201	50	—
\$35,000 to \$49,999	1 910	1 775	135	—	210	12	62	36	24	58	18	—
\$50,000 or more	631	571	60	—	43	18	8	—	6	5	6	—
Median	\$21 300	\$21 953	\$16 821	\$12 292	\$9 193	\$10 872	\$12 042	\$9 688	\$7 872	\$10 221	\$4 635	\$3 958
Mean	\$22 818	\$23 581	\$18 500	\$19 478	\$11 168	\$12 615	\$13 427	\$11 152	\$9 843	\$12 353	\$7 569	\$3 980
SELECTED CHARACTERISTICS												
Heating equipment	17 330	14 725	2 594	11	15 610	1 269	2 378	4 505	2 566	2 927	1 930	35
Steam or hot water system	11 128	9 093	2 035	—	8 021	557	1 568	2 862	1 405	1 271	358	—
Central warm-air furnace or electric heat pump	4 328	4 003	319	6	3 454	397	292	532	548	1 023	627	35
Other built-in electric units	433	380	53	—	2 025	172	140	123	208	477	905	—
Floor, wall, or pipeless furnace	560	555	5	—	206	28	31	32	53	49	13	—
Other means	881	694	182	5	1 904	115	347	956	352	107	27	—
Air conditioning	8 257	7 232	1 025	—	5 125	475	703	893	395	1 756	886	17
Central system	726	660	66	—	1 469	21	13	26	105	1 044	243	17
Vehicles available	16 474	14 165	2 304	5	10 587	925	1 880	3 253	1 551	2 046	904	28
1	6 689	5 482	1 202	5	7 771	625	1 322	2 290	1 232	1 537	749	16
2 or more	9 785	8 683	1 102	—	2 816	300	558	963	319	509	155	12
House heating fuel	17 330	14 725	2 594	11	15 610	1 269	2 378	4 505	2 566	2 927	1 930	35
Utility gas	4 740	4 164	570	6	4 856	474	807	1 634	983	788	170	—
Bottled, tank, or LP gas	18	12	6	—	77	—	4	21	29	23	—	—
Electricity	501	434	67	—	2 843	212	175	154	290	714	1 291	7
Fuel oil, kerosene, etc.	11 834	9 892	1 937	5	7 812	566	1 392	2 691	1 264	1 402	469	28
Other	237	223	14	—	22	17	—	5	—	—	—	—
Water heating fuel	17 330	14 725	2 594	11	15 518	1 269	2 378	4 513	2 565	2 836	1 922	35
Utility gas	5 548	4 573	969	6	6 016	565	978	2 150	1 208	871	244	—
Bottled, tank, or LP gas	96	59	37	—	302	16	53	139	37	53	4	—
Electricity	2 566	2 250	311	5	3 726	333	381	455	404	739	1 379	35
Fuel oil, kerosene, etc.	9 107	7 830	1 277	—	5 455	348	966	1 764	916	1 173	288	—
Other	13	13	—	—	19	7	—	5	—	—	7	—
Family householder	15 154	13 143	2 000	11	8 502	982	1 631	3 011	1 234	1 186	448	10
With own children under 18 years	8 560	7 740	809	11	5 026	658	906	1 986	784	534	148	10
With own children under 6 years	3 087	2 715	367	5	2 708	272	521	1 083	482	271	79	—
Female householder, no husband present	1 671	1 417	248	6	3 150	407	498	1 211	602	307	115	10
With own children under 18 years	825	755	64	6	2 397	354	307	997	459	214	56	10
With own children under 6 years	157	133	24	—	1 046	107	105	489	248	83	14	—
Nonfamily householder	2 176	1 582	594	—	7 123	287	747	1 502	1 339	1 741	1 482	25
Income in 1979 below poverty level	922	730	192	—	3 554	292	432	1 219	676	439	473	23
Percent below poverty level	5.3	5.0	7.4	—	22.7	23.0	18.2	27.0	26.3	15.0	24.5	65.7

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	17 330	1 930	4 650	3 267	3 660	2 104	1 072	422	225	3.14	58 427
Nonrelatives present	521	—	195	94	82	54	31	50	15	3.20	1 932
ROOMS											
1 to 3 rooms	167	111	33	16	7	—	—	—	—	1.25	282
4 rooms	1 296	399	614	125	91	56	6	—	5	1.91	2 944
5 rooms	4 538	616	1 579	919	805	368	181	45	25	2.58	13 504
6 rooms	5 601	472	1 463	1 117	1 318	733	320	137	41	3.27	19 520
7 rooms	3 546	250	602	675	925	578	311	148	57	3.77	13 516
8 or more rooms	2 182	82	359	415	514	369	254	92	97	3.96	8 661
Median	6.0	5.2	5.6	6.0	6.2	6.4	6.6	6.7	7.2	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	17 251	1 918	4 610	3 267	3 660	2 089	1 065	417	225	3.14	58 136
1.00 or less	16 676	1 918	4 610	3 262	3 653	2 033	885	235	80	3.05	54 213
1.01 to 1.50	543	—	—	5	7	56	180	182	113	6.63	3 656
1.51 or more	32	—	—	—	—	—	—	—	32	8.5+	267
Lacking complete plumbing for exclusive use	79	12	40	—	—	15	7	5	—	2.19	291
1.00 or less	72	12	40	—	—	15	—	5	—	2.10	250
1.01 to 1.50	7	—	—	—	—	—	7	—	—	6.00	41
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	14 725	1 391	3 755	2 843	3 319	1 856	978	382	201	3.28	49 956
2 or more	2 594	539	895	418	341	248	89	40	24	2.35	8 422
Mobile home or trailer, etc.	11	—	—	6	—	—	5	—	—	3.42	49
VALUE											
Specified owner-occupied housing units	13 988	1 300	3 547	2 696	3 181	1 755	947	368	194	3.30	47 391
Less than \$10,000	16	—	5	—	4	7	—	—	—	4.25	91
\$10,000 to \$19,999	266	89	117	6	29	15	—	—	—	1.88	714
\$20,000 to \$29,999	2 183	356	690	328	344	196	146	96	27	2.64	6 519
\$30,000 to \$39,999	5 407	445	1 294	1 093	1 305	673	403	108	86	3.38	18 553
\$40,000 to \$49,999	3 977	265	880	876	941	560	281	125	49	3.46	14 517
\$50,000 to \$59,999	1 301	100	342	257	317	165	80	26	14	3.31	4 262
\$60,000 to \$79,999	651	45	149	106	190	107	33	7	14	3.63	2 166
\$80,000 to \$99,999	128	—	61	17	31	15	—	4	—	2.68	406
\$100,000 to \$149,999	45	—	9	13	15	8	—	—	—	3.53	115
\$150,000 or more	14	—	—	—	5	9	—	—	—	4.72	48
Median	\$38 400	\$34 000	\$37 300	\$39 200	\$39 300	\$39 800	\$38 000	\$38 300	\$38 100	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	17 330	1 930	4 650	3 267	3 660	2 104	1 072	422	225	3.14	58 427
Median income	\$21 300	\$7 695	\$18 799	\$22 837	\$23 988	\$24 572	\$25 693	\$27 759	\$31 731	...	...
Median selected monthly owner costs as percentage of household income	23.3	43.0	23.2	21.8	22.7	22.5	20.9	19.0	16.9	...	...
With a mortgage	23.9	42.7	24.4	23.7	23.6	22.9	22.3	20.0	17.9	...	...
Not mortgaged	19.6	43.3	20.4	14.1	13.1	14.8	12.8	10—	10—	...	...
Income in 1979 below poverty level	922	226	158	147	216	100	26	33	16	3.02	...
Median income	\$3 553	\$2 953	\$2 603	\$3 254	\$5 060	\$3 696	\$7 679	\$7 386	\$8 000	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	50+	50+	50+	50+	50+	50+	—	—	—	...	...
Renter-occupied housing units	15 625	6 219	4 246	2 355	1 509	764	342	119	71	1.88	34 464
Nonrelatives present	1 272	—	767	232	106	100	49	12	6	2.33	3 579
ROOMS											
1 room	472	462	4	—	—	—	—	—	6	1.01	531
2 rooms	1 751	1 523	210	12	—	6	—	—	—	1.07	1 988
3 rooms	3 529	2 351	972	163	39	4	—	—	—	1.25	4 830
4 rooms	4 443	1 167	1 806	944	387	87	37	10	5	2.08	9 593
5 rooms	3 966	534	1 041	929	804	427	148	69	14	2.94	11 903
6 rooms	1 116	157	185	262	174	169	125	12	32	3.32	4 047
7 or more rooms	348	25	28	45	105	71	32	28	14	4.22	1 572
Median	4.0	3.0	4.0	4.6	4.9	5.2	5.4	5.2	5.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	14 999	5 760	4 160	2 317	1 483	759	342	112	66	1.92	33 475
1.00 or less	14 532	5 760	4 156	2 313	1 444	667	157	28	7	1.86	30 779
1.01 to 1.50	415	—	—	4	39	82	185	74	31	5.95	2 270
1.51 or more	52	—	4	—	—	10	—	10	28	7.68	426
Lacking complete plumbing for exclusive use	626	459	86	38	26	5	—	7	5	1.18	989
1.00 or less	601	459	86	30	26	—	—	—	—	1.15	828
1.01 to 1.50	25	—	—	8	—	5	—	7	5	5.40	161
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	1 269	263	290	251	215	134	80	29	7	2.82	4 164
2	2 378	641	748	364	339	185	70	12	19	2.23	5 988
3 and 4	4 513	1 197	1 306	862	609	326	145	45	23	2.31	11 456
5 to 9	2 573	1 160	719	402	158	79	24	19	12	1.68	4 972
10 to 49	2 927	1 517	856	342	139	35	23	5	10	1.46	5 229
50 or more	1 930	1 416	327	134	39	5	—	9	—	1.18	2 610
Mobile home or trailer, etc.	35	25	—	—	10	—	—	—	—	1.20	45
GROSS RENT											
Specified renter-occupied housing units	15 240	6 147	4 149	2 259	1 444	735	323	112	71	1.86	33 190
Less than \$100	1 914	1 541	136	97	51	58	25	6	—	1.12	2 622
\$100 to \$149	1 010	702	208	46	27	19	—	—	8	1.22	1 474
\$150 to \$199	1 716	972	460	124	90	27	35	—	8	1.38	3 035
\$200 to \$249	3 329	1 298	1 193	455	240	96	29	14	4	1.81	6 396
\$250 to \$299	2 768	573	903	643	379	197	34	27	12	2.40	7 036
\$300 to \$349	2 308	602	640	436	314	172	91	39	14	2.36	6 124
\$350 to \$399	1 169	256	345	237	175	78	59	11	8	2.45	3 113
\$400 to \$499	618	86	172	169	105	33	42	7	4	2.80	1 986
\$500 or more	119	14	26	12	28	16	8	2	13	3.77	548
No cash rent	289	103	66	40	35	39	—	6	—	2.13	856
Median	\$243	\$190	\$252	\$277	\$288	\$290	\$321	\$308	\$313	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	15 625	6 219	4 246	2 355	1 509	764	342	119	71	1.88	34 464
Median income	\$9 193	\$5 230	\$11 791	\$11 596	\$13 695	\$12 043	\$16 071	\$15 625	\$16 607	...	...
Median gross rent as percentage of household income	27.5	29.9	25.1	28.2	25.3	26.2	24.2	24.2	21.0	...	...
Income in 1979 below poverty level	3 554	1 364	697	640	425	266	96	46	20	2.09	...
Median income	\$3 574	\$2 780	\$3 539	\$3 711	\$4 315	\$6 109	\$7 449	\$6 288	\$8 500	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	45.0	50+	28.6	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Brockton city																								
Owner-occupied housing units												Renter-occupied housing units												
PERSONS IN UNIT												PERSONS IN UNIT												
Total												Total												
15 to 24 years												15 to 24 years												
25 to 34 years												25 to 34 years												
35 to 44 years												35 to 44 years												
45 to 64 years												45 to 64 years												
65 years and over												65 years and over												
17 330												17 330												
1 930												1 930												
4 650												4 650												
3 267												3 267												
3 660												3 660												
2 104												2 104												
1 719												1 719												
3 114												3 114												
58 427												58 427												
17 251												17 251												
575												575												
79												79												
7												7												
PLUMBING FACILITIES BY PERSONS PER ROOM												PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use												Complete plumbing for exclusive use												
1.01 or more persons per room												1.01 or more persons per room												
Lacking complete plumbing for exclusive use												Lacking complete plumbing for exclusive use												
1.01 or more persons per room												1.01 or more persons per room												
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Specified owner-occupied housing units												Specified owner-occupied housing units												
With a mortgage												With a mortgage												
Less than 15 percent												Less than 15 percent												
15 to 19 percent												15 to 19 percent												
20 to 24 percent												20 to 24 percent												
25 to 29 percent												25 to 29 percent												
30 to 34 percent												30 to 34 percent												
35 percent or more												35 percent or more												
Not computed												Not computed												
23.9												23.9												
2 982												2 982												
380												380												
625												625												
517												517												
316												316												
291												291												
126												126												
716												716												
11												11												
19.6												19.6												
PLUMBING FACILITIES BY PERSONS PER ROOM												PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use												Complete plumbing for exclusive use												
1.01 or more persons per room												1.01 or more persons per room												
Lacking complete plumbing for exclusive use												Lacking complete plumbing for exclusive use												
1.01 or more persons per room												1.01 or more persons per room												
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Specified renter-occupied housing units												Specified renter-occupied housing units												
Less than 15 percent												Less than 15 percent												
15 to 19 percent												15 to 19 percent												
20 to 24 percent												20 to 24 percent												
25 to 29 percent												25 to 29 percent												
30 to 34 percent												30 to 34 percent												
35 to 49 percent												35 to 49 percent												
50 percent or more												50 percent or more												
Not computed												Not computed												
27.5												27.5												

Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 930	742	34	146	45	201	316	1 188	7	50	26	286	819
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 918	737	34	146	45	201	311	1 181	7	50	26	286	812
Lacking complete plumbing for exclusive use	12	5	—	—	—	—	5	7	—	—	—	—	7
UNITS IN STRUCTURE													
1, detached or attached	1 391	506	27	98	27	115	239	885	7	50	19	193	616
2 or more	539	236	7	48	18	86	77	303	—	—	7	93	203
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	595	189	8	7	—	48	126	406	—	9	7	39	351
\$5,000 to \$9,999	583	131	—	10	—	27	94	452	—	6	—	97	349
\$10,000 to \$12,499	173	74	—	17	13	37	7	99	7	10	7	34	41
\$12,500 to \$14,999	160	72	19	22	—	5	26	88	—	—	6	34	48
\$15,000 to \$19,999	227	149	7	59	14	40	29	78	—	8	—	53	17
\$20,000 to \$24,999	107	63	—	26	13	10	14	44	—	—	6	25	13
\$25,000 to \$34,999	69	48	—	5	—	27	16	21	—	17	—	4	—
\$35,000 to \$49,999	4	4	—	—	—	—	4	—	—	—	—	—	—
\$50,000 or more	12	12	—	—	5	7	—	—	—	—	—	—	—
Median	\$7 695	\$11 723	\$13 684	\$16 574	\$18 125	\$11 723	\$6 379	\$6 780	\$11 250	\$13 750	\$12 143	\$10 515	\$5 693
Mean	\$10 148	\$13 089	\$11 277	\$15 497	\$25 752	\$14 552	\$9 438	\$8 311	\$10 810	\$14 944	\$10 858	\$11 747	\$6 603
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 300	464	27	98	27	103	209	836	7	50	13	183	583
With a mortgage	548	262	27	85	27	51	72	286	7	41	7	114	117
Less than \$200	15	9	—	9	—	—	—	6	—	—	—	—	6
\$200 to \$249	44	15	—	—	—	—	15	29	—	—	—	20	9
\$250 to \$299	71	39	—	8	—	6	25	32	—	—	—	18	14
\$300 to \$349	160	77	—	18	14	28	17	83	7	—	—	30	46
\$350 to \$399	100	31	7	17	—	7	—	69	—	18	—	27	24
\$400 to \$499	100	60	20	19	—	6	15	40	—	8	7	14	11
\$500 to \$599	44	17	—	—	13	4	—	27	—	15	—	5	7
\$600 to \$749	6	6	—	6	—	—	—	—	—	—	—	—	—
\$750 or more	8	8	—	8	—	—	—	—	—	—	—	—	—
Median	\$345	\$344	\$441	\$372	\$348	\$335	\$292	\$346	\$325	\$416	\$475	\$332	\$332
Not mortgaged	752	202	—	13	—	52	137	550	—	9	6	69	466
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	—	—	—	—	—	—	—	—	—	—	—	—	—
\$75 to \$99	—	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$124	27	—	—	—	—	—	—	27	—	—	—	—	27
\$125 to \$149	5	5	—	—	—	5	—	—	—	—	—	—	—
\$150 to \$199	148	48	—	—	—	17	31	100	—	9	—	11	80
\$200 to \$249	281	57	—	8	—	9	40	224	—	—	—	14	210
\$250 or more	291	92	—	5	—	21	66	199	—	—	6	44	149
Median	\$235	\$242	—	\$241	—	\$222	\$247	\$233	—	\$175	\$250+	\$250+	\$230
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	43.0	31.8	42.1	27.3	31.8	24.6	38.8	50+	37.5	35.0	40.7	34.7	50+
With a mortgage	42.7	33.1	42.1	29.1	31.8	23.5	50+	50+	37.5	28.7	45.0	48.6	50+
Not mortgaged	43.3	29.5	—	19.1	—	28.3	32.7	49.3	—	50+	27.5	25.3	50+
Income in 1979 below poverty level	226	70	8	7	—	28	27	156	—	9	7	21	119
Percent below poverty level	11.7	9.4	23.5	4.8	—	13.9	8.5	13.1	—	18.0	26.9	7.3	14.5
Renter-occupied housing units	6 219	2 366	256	527	333	725	525	3 853	343	395	184	842	2 089
PLUMBING FACILITIES													
Complete plumbing for exclusive use	5 760	2 010	225	486	275	554	470	3 750	314	395	172	827	2 042
Lacking complete plumbing for exclusive use	459	356	31	41	58	171	55	103	29	—	12	15	47
UNITS IN STRUCTURE													
1, detached or attached	263	82	—	13	4	24	41	181	18	14	9	65	75
2	641	195	30	63	49	35	18	446	39	42	13	109	243
3 and 4	1 197	494	91	140	50	112	101	703	139	67	37	223	237
5 to 9	1 160	493	58	121	92	126	96	667	86	75	83	102	321
10 to 49	1 517	796	61	159	110	340	126	721	52	151	30	197	291
50 or more	1 416	306	16	31	28	88	143	1 110	9	46	12	146	897
Mobile home or trailer, etc.	25	—	—	—	—	—	—	25	—	—	—	—	25
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 038	791	75	79	78	275	284	2 247	145	70	73	362	1 597
\$5,000 to \$9,999	1 668	766	88	191	87	203	197	902	119	86	68	224	405
\$10,000 to \$12,499	553	204	26	66	42	50	20	349	50	78	35	152	34
\$12,500 to \$14,999	334	184	32	70	46	25	11	150	29	48	—	51	22
\$15,000 to \$19,999	365	218	22	90	28	65	13	147	—	80	8	34	25
\$20,000 to \$24,999	173	121	13	17	17	74	—	52	—	33	—	13	6
\$25,000 to \$34,999	74	68	—	14	28	26	—	6	—	—	—	6	—
\$35,000 to \$49,999	14	14	—	—	7	7	—	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$5 230	\$7 779	\$8 214	\$9 891	\$10 089	\$7 279	\$4 802	\$4 559	\$5 736	\$11 330	\$7 731	\$7 201	\$3 995
Mean	\$7 350	\$9 308	\$8 779	\$11 140	\$11 297	\$9 743	\$5 865	\$6 147	\$6 437	\$10 901	\$6 778	\$7 553	\$4 579
GROSS RENT													
Specified renter-occupied housing units	6 147	2 351	256	520	333	725	517	3 796	343	395	175	816	2 067
Less than \$100	1 541	206	—	—	6	65	135	1 335	9	19	13	179	1 115
\$100 to \$149	702	388	42	54	61	146	85	314	28	27	11	81	167
\$150 to \$199	972	491	39	80	96	195	81	481	105	19	55	129	173
\$200 to \$249	1 298	580	71	169	66	163	111	718	115	93	64	179	267
\$250 to \$299	573	265	42	89	31	62	41	308	14	85	19	69	121
\$300 to \$349	602	236	36	72	42	64	22	366	50	97	6	99	114
\$350 to \$399	256	116	16	29	22	21	28	140	—	36	7	54	43
\$400 to \$499	86	37	6	21	4	6	—	49	11	8	—	17	13
\$500 or more	14	3	—	—	—	—	3	11	11	—	—	—	—
No cash rent	103	29	4	6	5	3	11	74	—	11	—	9	54
Median	\$190	\$205	\$222	\$233	\$201	\$191	\$174	\$177	\$209	\$275	\$207	\$203	\$89
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	29.9	28.9	33.4	28.2	25.9	27.0	30.7	30.7	48.5	26.9	35.9	31.6	28.7
Income in 1979 below poverty level	1 364	403	57	38	65	179	64	961	94	61	55	194	557
Percent below poverty level	21.9	17.0	22.3	7.2	19.5	24.7	12.2	24.9	27.4	15.4	29.9	23.0	26.7

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Brockton city					Brockton city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	134	21	36	77	Vacant for rent housing units	1 044	461	403	180
ROOMS					ROOMS				
1 to 3 rooms	14	5	9	—	1 room	110	50	42	18
4 rooms	17	—	7	10	2 rooms	99	36	54	9
5 rooms	24	4	20	—	3 rooms	171	77	79	15
6 rooms	64	12	—	52	4 rooms	353	158	117	78
7 rooms	7	—	—	7	5 rooms	213	96	76	41
8 or more rooms	8	—	—	8	6 rooms	98	44	35	19
Median	5.7	5.6	4.6	6.0	7 or more rooms	—	—	—	—
					Median	3.9	3.9	3.7	4.1
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	134	21	36	77	Complete plumbing for exclusive use	928	413	352	163
Lacking complete plumbing for exclusive use	—	—	—	—	Lacking complete plumbing for exclusive use	116	48	51	17
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	110	50	42	18
1	13	—	13	—	1	340	153	163	24
2	49	5	18	26	2	436	204	130	102
3	57	16	5	36	3	151	47	68	36
4	7	—	—	7	4	—	—	—	—
5 or more	8	—	—	8	5 or more	7	7	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	—	—	—	—	1975 to March 1980	20	—	20	—
1970 to 1974	5	—	5	—	1970 to 1974	94	66	28	—
1960 to 1969	12	—	—	—	1960 to 1969	73	46	5	22
1950 to 1959	5	—	—	—	1950 to 1959	75	42	33	—
1940 to 1949	24	7	10	7	1940 to 1949	76	31	24	21
1939 or earlier	88	14	21	53	1939 or earlier	706	276	293	137
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	62	5	5	52	1, detached or attached	33	28	5	—
2 or more	72	16	31	25	2	125	57	46	22
Mobile home or trailer	—	—	—	—	3 and 4	270	90	102	78
HEATING EQUIPMENT					5 to 9	246	120	90	36
Central heating system	134	21	36	77	10 to 49	282	131	116	35
Other means	—	—	—	—	50 or more	88	35	44	9
None	—	—	—	—	Mobile home or trailer	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	55	5	5	45	Specified vacant for rent housing units	1 035	452	403	180
Less than \$10,000	—	—	—	—	Less than \$100	96	36	47	13
\$10,000 to \$19,999	13	—	—	13	\$100 to \$149	179	83	65	31
\$20,000 to \$29,999	18	—	—	18	\$150 to \$199	291	39	175	77
\$30,000 to \$39,999	5	—	—	5	\$200 to \$249	279	184	52	43
\$40,000 to \$49,999	19	5	5	9	\$250 to \$299	78	49	24	5
\$50,000 to \$59,999	—	—	—	—	\$300 to \$399	61	45	5	11
\$60,000 to \$79,999	—	—	—	—	\$400 or more	51	16	35	—
\$80,000 to \$99,999	—	—	—	—	Median	\$187	\$222	\$181	\$176
\$100,000 or more	—	—	—	—					
Median	\$26 900	\$42 500	\$42 500	\$26 000					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Brockton city															
Total	55	—	31	24	—	—	26 900	1 035	96	470	357	61	51	—	187
PLUMBING FACILITIES															
Complete plumbing for exclusive use	55	—	31	24	—	—	26 900	919	62	396	349	61	51	—	200
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	116	34	74	8	—	—	—	124
BEDROOMS															
None	—	—	—	—	—	—	—	110	8	102	—	—	—	—	143
1	—	—	—	—	—	—	—	340	43	118	174	—	5	—	203
2	16	—	11	5	—	—	26 400	427	40	165	130	46	46	—	205
3	32	—	13	19	—	—	40 800	151	5	85	46	15	—	—	191
4	7	—	7	—	—	—	26 300	—	—	—	—	—	—	—	—
5 or more	—	—	—	—	—	—	—	7	—	—	7	—	—	—	222
YEAR STRUCTURE BUILT															
1975 to March 1980	—	—	—	—	—	—	—	20	—	—	—	—	—	20	500+
1970 to 1974	5	—	—	5	—	—	42 500	94	17	—	18	28	31	—	371
1960 to 1969	12	—	11	1	—	—	25 700	73	5	9	41	18	—	—	239
1950 to 1959	5	—	—	5	—	—	32 500	66	16	35	15	—	—	—	106
1940 to 1949	—	—	—	—	—	—	—	76	—	58	18	—	—	—	180
1939 or earlier	33	—	20	13	—	—	26 300	706	58	368	265	15	—	—	183
UNITS IN STRUCTURE															
1, detached or attached	55	—	31	24	—	—	26 900	24	5	15	4	—	—	—	147
2 or more	—	—	—	—	—	—	—	1 011	91	455	353	61	51	—	188
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin

A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin

The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage

The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

Appendix B.—Definitions and Explanations of Subject Characteristics

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979

—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	..
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	..
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	..
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	..
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	..
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	..
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	..
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	..
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	..
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	..
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	..
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	..
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/ Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>

Appendix D.—Accuracy of the Data

9-16 Same value categories as groups 1 to 8

Black Race

17-32 Same value—Spanish origin categories as groups 1 to 16

Asian, Pacific Islander Race

33-48 Same value—Spanish origin categories as groups 1 to 16

American Indian, Eskimo, or Aleut Race

49-64 Same value—Spanish origin categories as groups 1 to 16

Other Race (includes those races not listed above)

65-80 Same value—Spanish origin categories as groups 1 to 16

Renter

White Race

Persons of Spanish Origin Rent Categories

81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102 Same rent categories as groups 81 to 91

Black Race

103-124 Same rent—Spanish origin categories as groups 81 to 102

Asian, Pacific Islander Race

125-146 Same rent—Spanish origin categories as groups 81 to 102

American Indian, Eskimo, or Aleut Race

147-168 Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group

1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

 \hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

 \hat{p} = Estimated percentage

Table C. **Standard Error Adjustment Factors**

Percent of persons or housing units in sample

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.7	0.5
Vacant price asked and vacant rent asked..	1.1	0.7	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.1	0.9	0.5
Stories in structure.....	1.0	1.0	0.5
Passenger elevator.....	0.9	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.1	0.8	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.8	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.8	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA
**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**
Brockton city

Housing units	
100-percent count	Percent in sample
58 343	15.8
34 720	15.8

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.

2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.

3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.

- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.

- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12.** Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13.** Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a.** Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a.** A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H16.** If a well provides water for six or more houses or apartments, mark **A** public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17.** A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

- H19.** The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20.** This question refers to the type of heating equipment and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21.** Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22.** If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23.** The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26.** Answer Yes only if the telephone is located in your living quarters.

- H27.** Count only equipment used to cool the air by means of a refrigeration unit.

- H28--H29.** Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

- H30--H32.** Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30.** Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31.** When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a.** The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's ability to speak English.

(1) The circle Very well should be filled for persons who have no difficulty speaking English.

(2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.

(3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.

(4) The circle Not at all should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.
- If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.
- If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.
- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1	PERSON in column 2
		Last name First name Middle initial	Last name First name Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
3. Sex Fill one circle.	<input type="radio"/> Male <input checked="" type="radio"/> Female	<input type="radio"/> Male <input checked="" type="radio"/> Female	
4. Is this person — Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday b. Month of birth c. Year of birth 1 ● 8 0 0 9 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 Jan — Mar Apr — June July — Sept Oct — Dec	a. Age at last birthday b. Month of birth c. Year of birth 1 ● 8 0 0 9 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 Jan — Mar Apr — June July — Sept Oct — Dec	
6. Marital status Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Never attended school — Skip question 10	
10. Did this person finish the highest grade (or year) attended? Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O

PERSON in column 7

Last name _____

First name _____ Middle initial _____

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother

☐ Son/daughter ☐ Other relative

☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative

☐ Partner, roommate ☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian

☐ Black or Negro ☐ Hawaiian

☐ Japanese ☐ Guamanian

☐ Chinese ☐ Samoan

☐ Filipino ☐ Eskimo

☐ Korean ☐ Aleut

☐ Vietnamese ☐ Other — Specify _____

☐ Indian (Amer.)

Print tribe → _____

a. Age at last birthday _____

b. Month of birth _____

c. Year of birth _____

☐ Now married ☐ Separated

☐ Widowed ☐ Never married

☐ Divorced

☐ No (not Spanish/Hispanic)

☐ Yes, Mexican, Mexican-Amer., Chicano

☐ Yes, Puerto Rican

☐ Yes, Cuban

☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1

☐ Yes, public school, public college

☐ Yes, private, church-related

☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)

☐ Finished this grade (or year)

☐ Did not finish this grade (or year)

CENSUS USE ONLY

A. ☐ I ☐ N ☐ O

If you listed more than 7 persons in Question 1, please see note on page 20.

NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

☐ Yes — On page 20 give name(s) and reason left out.

☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

☐ Yes — On page 20 give name(s) and reason person is away.

☐ No

H3. Is anyone visiting here who is not already listed?

☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.

☐ No

H4. How many living quarters, occupied and vacant, are at this address?

☐ One

☐ 2 apartments or living quarters

☐ 3 apartments or living quarters

☐ 4 apartments or living quarters

☐ 5 apartments or living quarters

☐ 6 apartments or living quarters

☐ 7 apartments or living quarters

☐ 8 apartments or living quarters

☐ 9 apartments or living quarters

☐ 10 or more apartments or living quarters

☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

☐ Directly from the outside or through a common or public hall?

☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

☐ Yes, for this household only

☐ Yes, but also used by another household

☐ No, have some but not all plumbing facilities

☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

☐ 1 room ☐ 4 rooms ☐ 7 rooms

☐ 2 rooms ☐ 5 rooms ☐ 8 rooms

☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

H8. Are your living quarters —

☐ Owned or being bought by you or by someone else in this household?

☐ Rented for cash rent?

☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

☐ No

☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

☐ Yes ☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

☐ A mobile home or trailer

☐ A house on 10 or more acres

☐ A house with a commercial establishment or medical office on the property

☐ Less than \$10,000 ☐ \$50,000 to \$54,999

☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999

☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999

☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999

☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999

☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999

☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999

☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999

☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999

☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999

☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999

☐ \$45,000 to \$49,999 ☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

☐ Less than \$50 ☐ \$160 to \$169

☐ \$50 to \$59 ☐ \$170 to \$179

☐ \$60 to \$69 ☐ \$180 to \$189

☐ \$70 to \$79 ☐ \$190 to \$199

☐ \$80 to \$89 ☐ \$200 to \$224

☐ \$90 to \$99 ☐ \$225 to \$249

☐ \$100 to \$109 ☐ \$250 to \$274

☐ \$110 to \$119 ☐ \$275 to \$299

☐ \$120 to \$129 ☐ \$300 to \$349

☐ \$130 to \$139 ☐ \$350 to \$399

☐ \$140 to \$149 ☐ \$400 to \$499

☐ \$150 to \$159 ☐ \$500 or more

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A4. Block number _____

A6. Serial number _____

B. Type of unit or quarters

Occupied

☐ First form

☐ Continuation

Vacant

☐ Regular

☐ Usual home elsewhere

Group quarters

☐ First form

☐ Continuation

For vacant units

C1. Is this unit for —

☐ Year round use

☐ Seasonal/Mig. — Skip C2, C3, and D.

C2. Vacancy status

☐ For rent

☐ For sale only

☐ Rented or sold, not occupied

☐ Held for occasional use

☐ Other vacant

C3. Is this unit boarded up?

☐ Yes ☐ No

D. Months vacant

☐ Less than 1 month

☐ 1 up to 2 months

☐ 2 up to 6 months

☐ 6 up to 12 months

☐ 1 year up to 2 years

☐ 2 or more years

E. Indicators

1. ☐ Mail return

2. ☐ Pop./F

F. Total persons _____

H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. 	H21a. Which fuel is used most for house heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	CENSUS USE H22a. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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8	8	8																														
9	9	9																														
H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories b. Is there a passenger elevator in this building? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	b. Which fuel is used most for water heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	H22b. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H15a. Is this building — <ul style="list-style-type: none"> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to — <ul style="list-style-type: none"> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more 	H22. What are the costs of utilities and fuels for your living quarters? a. Electricity \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	H22c. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H16. Do you get water from — <ul style="list-style-type: none"> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? 	c. Gas \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used	H22d. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H17. Is this building connected to a public sewer? <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means 	d. Water \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	H22e. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier 	H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator. <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H22f. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H19. When did the person listed in column 1 move into this house (or apartment)? <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here 	H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms 	H22g. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment 	H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms 	H22h. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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	H26. Do you have a telephone in your living quarters? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H22i. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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	H27. Do you have air conditioning? <ul style="list-style-type: none"> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No 	H22j. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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	H28. How many automobiles are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles 	H22k. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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	H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks 	H22l. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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FOR YOUR HOUSEHOLD

Page 6

Please answer H30—H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

①	2.	4.	②	2.	4.	③	2.	4.
S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
④	2.	4.	⑤	2.	4.	⑥	2.	4.
S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
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⑦	2.	4.	GQ.	H30.	H31.	H32c.		
S.S.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Name of Person 1 on page 2: <div style="display: flex; justify-content: space-between; border-bottom: 1px solid black; margin-top: 5px;"> Last name First name Middle initial </div>			16. When was this person born? <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i> <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i>			22a. Did this person work at any time last week? <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i> </div> <div style="width: 45%;"> <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i> </div> </div> <div style="text-align: right; margin-top: 5px;">Skip to 25</div>																											
11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <i>Name of State or foreign country; or Puerto Rico, Guam, etc.</i> </div>			17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No b. Attending college? <input type="radio"/> Yes <input type="radio"/> No c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time			b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i> <div style="text-align: right; margin-top: 5px;">Hours </div>																											
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents b. When did this person come to the United States to stay? <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950 </div>			18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see instruction guide.</i> <input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i> b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i> <div style="margin-top: 5px;"> <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time </div>			23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see instruction guide.</i> a. Address (Number and street) _____ <i>If street address is not known, enter the building name, shopping center, or other physical location description.</i> b. Name of city, town, village, borough, etc. _____ c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area d. County _____ e. State _____ f. ZIP Code _____																											
13a. Does this person speak a language other than English at home? <input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i> b. What is this language? <div style="border-bottom: 1px solid black; margin-top: 5px;"> <i>(For example — Chinese, Italian, Spanish, etc.)</i> </div> c. How well does this person speak English? <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="radio"/> Very well <input type="radio"/> Not well </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="radio"/> Well <input type="radio"/> Not at all </div>			19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . . <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> a. Limits the kind or amount of work this person can do at a job? b. Prevents this person from working at a job? c. Limits or prevents this person from using public transportation? </div> <div style="text-align: center;"> Yes <input type="radio"/> No <input type="radio"/> </div> </div>			24a. Last week, how long did it usually take this person to get from home to work (one way)? <div style="text-align: right; margin-top: 5px;">Minutes </div> b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 45%;"> <input type="radio"/> Car <input type="radio"/> Truck <input type="radio"/> Van <input type="radio"/> Bus or streetcar <input type="radio"/> Railroad <input type="radio"/> Subway or elevated </div> <div style="width: 45%;"> <input type="radio"/> Taxicab <input type="radio"/> Motorcycle <input type="radio"/> Bicycle <input type="radio"/> Walked only <input type="radio"/> Worked at home <input type="radio"/> Other — <i>Specify</i> _____ </div> </div> <i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i>																											
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide. <div style="border-bottom: 1px solid black; margin-top: 5px;"> <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i> </div>			20. If this person is a female — <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> How many babies has she ever had, not counting stillbirths? Do not count her stepchildren or children she has adopted. </div> <div style="text-align: center;"> None <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12 <input type="radio"/> or more <input type="radio"/> </div> </div>			21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once b. Month and year of marriage? <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> <div style="border-bottom: 1px solid black; width: 40px;"></div> <div style="border-bottom: 1px solid black; width: 40px;"></div> </div> <div> <div style="border-bottom: 1px solid black; width: 40px;"></div> <div style="border-bottom: 1px solid black; width: 40px;"></div> </div> </div> c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No																											
15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i> <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house b. Where did this person live five years ago (April 1, 1975)? <div style="margin-top: 5px;"> (1) State, foreign country, Puerto Rico, Guam, etc.: _____ (2) County: _____ (3) City, town, village, etc.: _____ (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area </div>			FOR CENSUS USE ONLY																														
11. State, foreign country, Puerto Rico, Guam, etc.: _____ (2) County: _____ (3) City, town, village, etc.: _____ (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area			<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 5%;">Per. No.</th> <th style="width: 10%;">11.</th> <th style="width: 10%;">13b.</th> <th style="width: 10%;">14.</th> <th style="width: 10%;">15b.</th> <th style="width: 10%;">23.</th> <th style="width: 10%;">24a.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>2</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>3</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><</td></tr></tbody></table>						Per. No.	11.	13b.	14.	15b.	23.	24a.	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	3	<input type="radio"/>	<input type="radio"/>	<
Per. No.	11.	13b.	14.	15b.	23.	24a.																											
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3	<input type="radio"/>	<input type="radio"/>	<																														

PERSON 1 ON PAGE 2

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<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6</p> <p><input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I 1 1</p> <p>O 2 2</p> <p>II 3 3</p> <p>O 4 4</p> <p>III 5 5</p> <p>O 6 6</p> <p>IV 7 7</p> <p>O 8 8</p> <p>O 9 9</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>Hours</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p>O O O O O O</p> <p>I I I I I I</p> <p>2 2 2 2 2 2</p> <p>3 3 3 3 3 3</p> <p>4 4 4 4 4 4</p> <p>5 5 5 5 5 5</p> <p>6 6 6 6 6 6</p> <p>7 7 7 7 7 7</p> <p>8 8 8 8 8 8</p> <p>9 9 9 9 9 9</p>
<p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc</p> <p><input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i></p>	<p>22b.</p> <p>O O</p> <p>I I</p> <p>2 2</p> <p>3 3</p> <p>4 4</p> <p>5 5</p> <p>6 6</p> <p>7 7</p> <p>8 8</p> <p>9 9</p>	<p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32a. 32b.</p> <p>O O O O O O</p> <p>I I I I I I</p> <p>2 2 2 2 2 2</p> <p>3 3 3 3 3 3</p> <p>4 4 4 4 4 4</p> <p>5 5 5 5 5 5</p> <p>6 6 6 6 6 6</p> <p>7 7 7 7 7 7</p> <p>8 8 8 8 8 8</p> <p>9 9 9 9 9 9</p>
<p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (in school, etc.)</p> <p><input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier</p> <p><i>Skip to 31d</i></p> <p>28—30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p>	<p>28</p> <p>A B C</p> <p>O O O</p> <p>D E F</p> <p>O O O</p> <p>G H J</p> <p>O O O</p> <p>K L M</p> <p>O O O</p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . Report <u>net</u> income after business expenses.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32c. 32d.</p> <p>O O O O O O</p> <p>I I I I I I</p> <p>2 2 2 2 2 2</p> <p>3 3 3 3 3 3</p> <p>4 4 4 4 4 4</p> <p>5 5 5 5 5 5</p> <p>6 6 6 6 6 6</p> <p>7 7 7 7 7 7</p> <p>8 8 8 8 8 8</p> <p>9 9 9 9 9 9</p>
<p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="radio"/> <input type="radio"/> Retail trade</p> <p>Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p>	<p>29.</p> <p>N P Q</p> <p>O O O</p> <p>R S T</p> <p>O O O</p> <p>U V W</p> <p>O O O</p> <p>X Y Z</p> <p>O O O</p>	<p>c. Own farm . . . Report <u>net</u> income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32e. 32f.</p> <p>O O O O O O</p> <p>I I I I I I</p> <p>2 2 2 2 2 2</p> <p>3 3 3 3 3 3</p> <p>4 4 4 4 4 4</p> <p>5 5 5 5 5 5</p> <p>6 6 6 6 6 6</p> <p>7 7 7 7 7 7</p> <p>8 8 8 8 8 8</p> <p>9 9 9 9 9 9</p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p>	<p>30.</p> <p>O O O</p> <p>I I</p> <p>2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . . Exclude lump-sum payments such as money from an inheritance or the sale of a home.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32g. 33.</p> <p>O O O O O O</p> <p>I I I I I I</p> <p>2 2 2 2 2 2</p> <p>3 3 3 3 3 3</p> <p>4 4 4 4 4 4</p> <p>5 5 5 5 5 5</p> <p>6 6 6 6 6 6</p> <p>7 7 7 7 7 7</p> <p>8 8 8 8 8 8</p> <p>9 9 9 9 9 9</p>
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/></p> <p>Federal government employee <input type="radio"/></p> <p>State government employee <input type="radio"/></p> <p>Local government employee (city, county, etc.) <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated <input type="radio"/></p> <p>Own business incorporated <input type="radio"/></p> <p>Working without pay in family business or farm <input type="radio"/></p>	<p>31.</p> <p>O O O</p> <p>I I</p> <p>2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>33. What was this person's total income in 1979?</p> <p>Add entries in questions 32a through g; subtract any losses.</p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p>If total amount was a loss, write "Loss" above amount. OR <input type="radio"/> None</p>	<p>33.</p> <p>O O O O O O</p> <p>I I I I I I</p> <p>2 2 2 2 2 2</p> <p>3 3 3 3 3 3</p> <p>4 4 4 4 4 4</p> <p>5 5 5 5 5 5</p> <p>6 6 6 6 6 6</p> <p>7 7 7 7 7 7</p> <p>8 8 8 8 8 8</p> <p>9 9 9 9 9 9</p>

→ Please turn to the next page and answer the questions for Person 2 on page 2

Appendix F.—Publication and Computer Tape Program

GENERAL	F-1	PUBLICATIONS—Con.	
PUBLICATIONS	F-1	HC80-5, Volume 5, Residen-	
Population and Housing Census		tial Finance	F-4
Reports	F-1	HC80-S1-1, Supplementary	
PHC80-1, Block Statistics . . .	F-1	Reports	F-4
PHC80-2, Census Tracts	F-2	Evaluation and Reference	
PHC80-3, Summary Charac-		Reports	F-4
teristics for Governmental		PHC80-E, Evaluation and	
Units and Standard Metro-		Research Reports.	F-4
politan Statistical Areas . . .	F-2	PHC80-R, Reference Reports.	F-4
PHC80-4, Congressional		PHC80-R1, Users' Guide.	F-4
Districts of the 98th		PHC80-R2, History	F-4
Congress	F-2	PHC80-R3, Alphabetical	
PHC80-S1-1, Provisional		Index of Industries and	
Estimates of Social, Eco-		Occupations	F-4
nomic, and Housing		PHC80-R4, Classified	
Characteristics.	F-2	Index of Industries and	
PHC80-S2, Advance Esti-		Occupations	F-4
mates of Social, Economic,		PHC80-R5, Geographic	
and Housing Characteristics.	F-2	Identification Code	
Population Census Reports	F-2	Scheme	F-4
PC80-1, Volume 1, Charac-		COMPUTER TAPES	F-4
teristics of the Population . .	F-2	Summary Tape Files	F-4
PC80-1-A, Chapter A, Num-		STF 1	F-4
ber of Inhabitants	F-2	STF 2	F-4
PC80-1-B, Chapter B, General		STF 3	F-4
Population Characteristics. . .	F-2	STF 4	F-5
PC80-1-C, Chapter C, General		STF 5	F-5
Social and Economic		Other Computer Tape Files.	F-5
Characteristics.	F-3	P.L. 94-171, Population	
PC80-1-D, Chapter D,		Counts.	F-5
Detailed Population		Master Area Reference Files	
Characteristics.	F-3	1 and 2 (MARF)	F-5
PC80-2, Volume 2, Subject		Geographic Base File/Dual	
Reports	F-3	Independent Map Encoding	
PC80-S1, Supplementary		(GBF/DIME).	F-5
Reports	F-3	Public-Use Microdata	
Housing Census Reports	F-3	Samples.	F-5
HC80-1, Volume 1, Charac-		Census/EEO Special File. . . .	F-5
teristics of Housing Units . .	F-3	MAPS	F-5
HC80-1-A, Chapter A,		MICROFICHE	F-5
General Housing		STF 1 Microfiche	F-5
Characteristics.	F-3	STF 3 Microfiche	F-5
HC80-1-B, Chapter B,		P.L. 94-171 Counts Microfiche. . .	F-5
Detailed Housing			
Characteristics.	F-3	GENERAL	
HC80-2, Volume 2, Metro-		The results of the 1980 Census of Popu-	
politan Housing		lation and Housing are issued in three	
Characteristics.	F-3	forms: printed reports, computer tape	
HC80-3, Volume 3, Subject			
Reports	F-3		
HC80-4, Volume 4, Compo-			
nents of Inventory Change.	F-3		

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance— This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports— These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports— These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports— These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide— This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History— This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations— This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations— This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme— This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1— This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2— This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3— This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

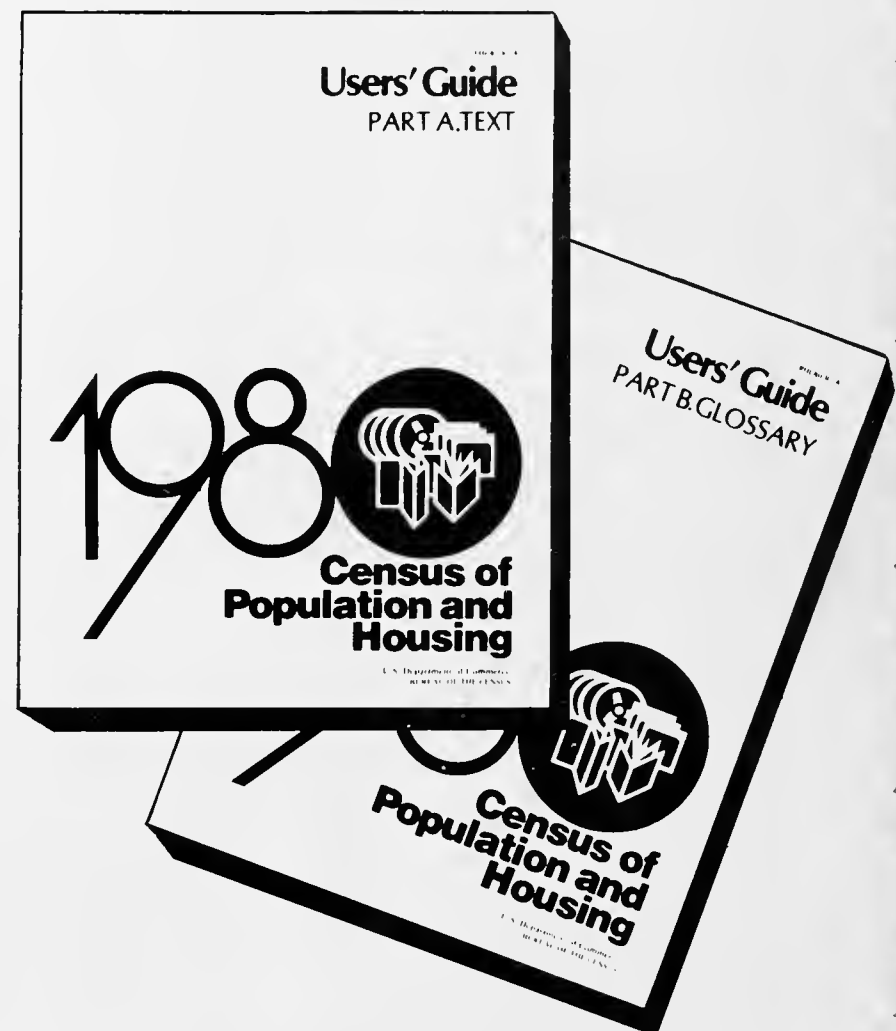
1980 Census of Population and Housing

Users' Guide

The **Users' Guide**, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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